SAMSUNG

# SERVICE Manual

◆ File with the SERVICE MANUAL.

# CX6844W3X

# 2. Specifications and IC Data

## 2-1 Specifications

Television System:

| MODEL | SYSTEM |
|---|---|
| CI | PAL-I (UHF) |
| CII | PAL-I (VHF/UHF) |
| CX | PAL-B/G,SECAM-B/G |
| CK | PAL-B/G,D/K,SECAM-B/G,D/K |
| CB | PAL-B/G |
| CF | SECAM-L/L', PAL/SECAM-B/G |

Channels:

| SYSTEM / BAND | PAL/SECAM -B/G,I | PAL/SECAM -D/K | SECAM-K1, PAL-D |
|---|---|---|---|
| VHF | 2-12 | 1-13 | 2-9 |
| UHF | 21-69 | 21-69 | 13-57 |

Intermediate-Frequencies(MHz):

| SYSTEM / BAND | PAL/SECAM -B/G | PAL/SECAM -D/K,K1 | PAL-I | SECAM-L | SECAM-L' |
|---|---|---|---|---|---|
| Picture IF Carrier | 38.90 | 38.90 | 38.90 | 38.90 | 34.50 |
| Sound IF Carrier | 33.40 | 32.40 | 32.90 | 34.40 | 41.00 |
| Color Sub Carrier | 34.47 | 34.47 | 34.47 | 34.47 | 38.93 |

Picture Tube:

| | | |
|---|---|---|
| 21 Inch | A51EER131X31 | Quick start, in-line-gun, Black stripe, 90° degree deflection |
| 25 Inch | A59EAK071X01 (Normal) A59EAK552X21 (Invar) | |
| 28 Inch | A66EAK071X01 (Normal) A66EAK552X21 (Invar) | |
| 30 Inch | A70QBZ791X | |

Power Requirements: AC 230 V, 50Hz or AC 220 ~ 240 V, 50Hz

Antenna Input Impedance:
VHF,UHF:Telescopic dipole antenna (75Ω unbalanced type)

Speaker Impedance: 8Ω , 10W + 10W or 16Ω , 5W + 5W (533C only)

## 2-2 IC Line Up

| LOC NO | NO | Specification | Description | Remarks |
|---|---|---|---|---|
| HIC101 | 1 | PAP103T | IF PRE-AMP | |
| IC201 | 2 | TDA8844 | PAL/SECAM/NTSC/SECAM-L | |
| | | TDA8843 | PAL/NTSC | |
| IC301 | 3 | LA7845 | VERTICAL DEFLECTION AMP | |
| IC501 | 4 | TDA6108 | RGB DRIVE AMP | |
| IC601 | 5 | TDA7297 | SOUND AMP(10W/CH) | |
| | | TDA7266S | SOUND AMP(5W/CH) | |
| IC701 | 6 | TDA9859 | AUDIO PROCESSOR | |
| IC801 | 7 | KA3S1265R | SMPS IC(12A) | |
| IC802 | 8 | PC123Y | PHOTO COUPLER | |
| IC803 | 9 | 78R05 | SWITCHING REGULATOR | |
| IC804 | 10 | KA7630 | SWITCHING REGULATOR(5,8V) | |
| IC901 | 11 | SPM171EE | MICOM | |
| IC902 | 12 | 24W16 | EEPROM | 16K |
| ICE01 | 13 | 4558 | EW DRIVE AMP | |
| ICN01 | 14 | TDA9814T | SIF DETECTOR(SECAM-L) | NICAM MODULE |
| ICN02 | 15 | TDA9874H | NICAM DEMODULATOR | |
| ICA01 | 16 | LA7567N | SIF DETECTOR | A2 STEREO MODULE |
| ICA02 | 17 | TDA9873H | A2 DEMODULATOR | |
| ICM01 | 18 | LA7566 | SIF & FM DETECTOR | MONO |
| ICS01 | 19 | TEA5114 | VIDEO SWITCH | RGB-S/W |

## 2-3 Semiconductor Base Diagrams

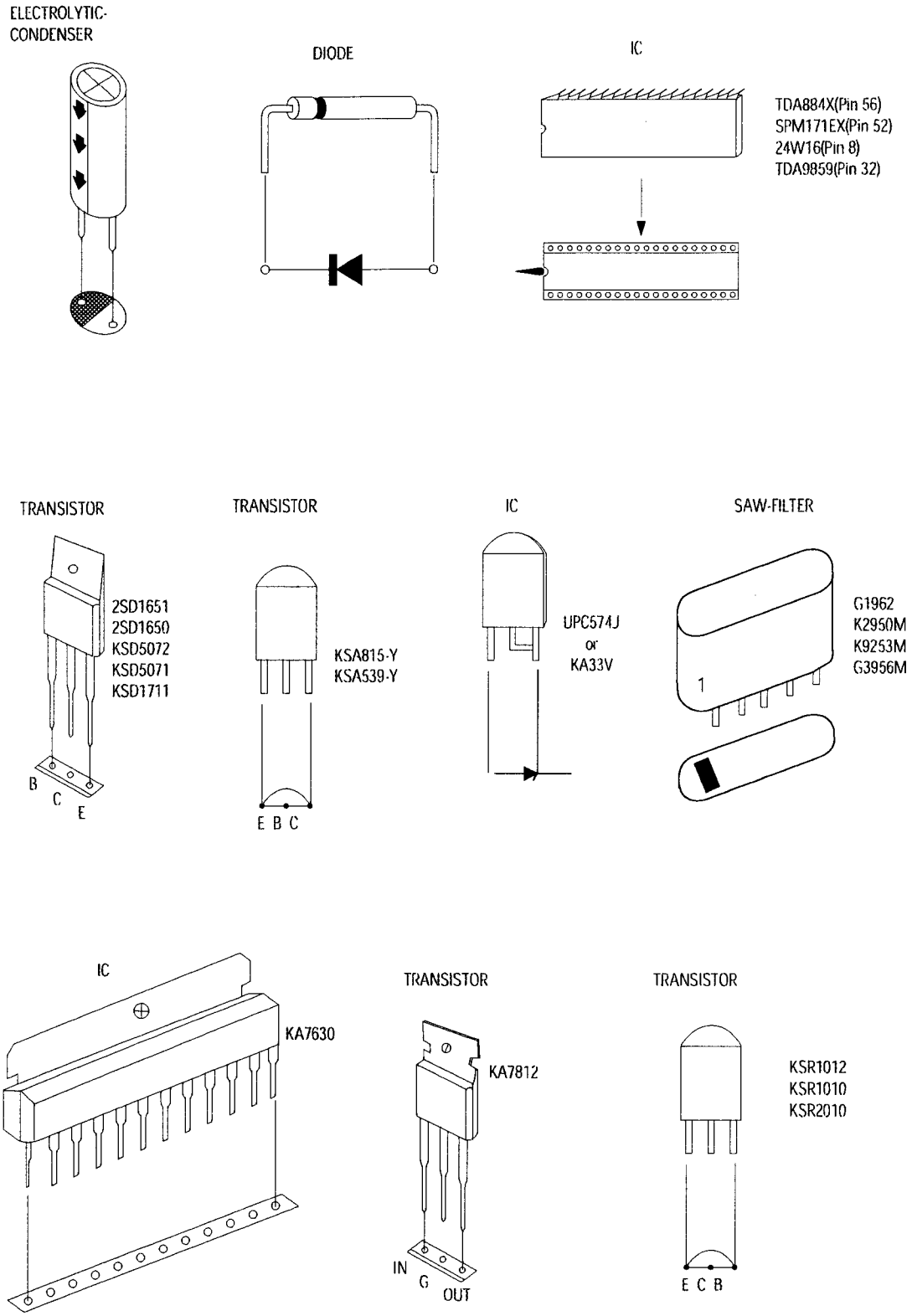
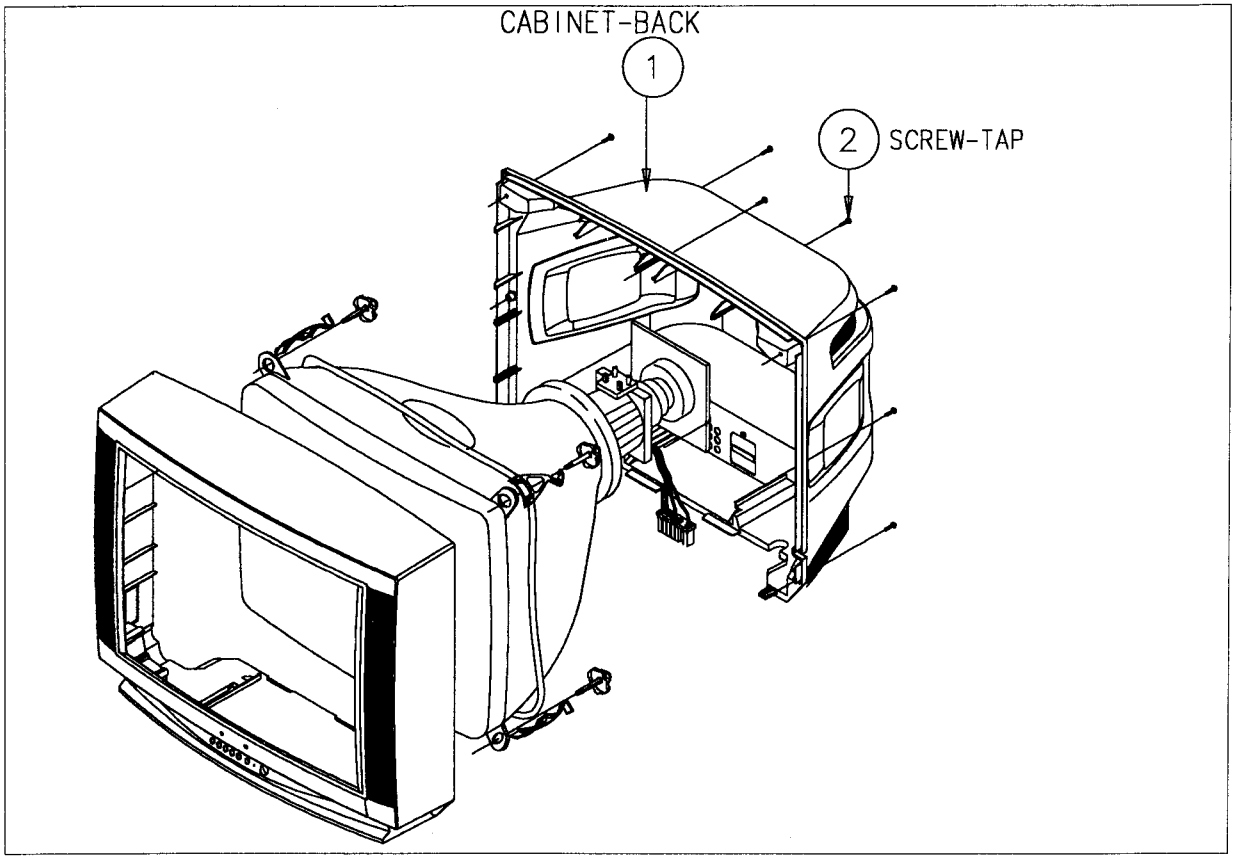



Fig. 2-1 Semiconductor Base Diagrams

# MEMO

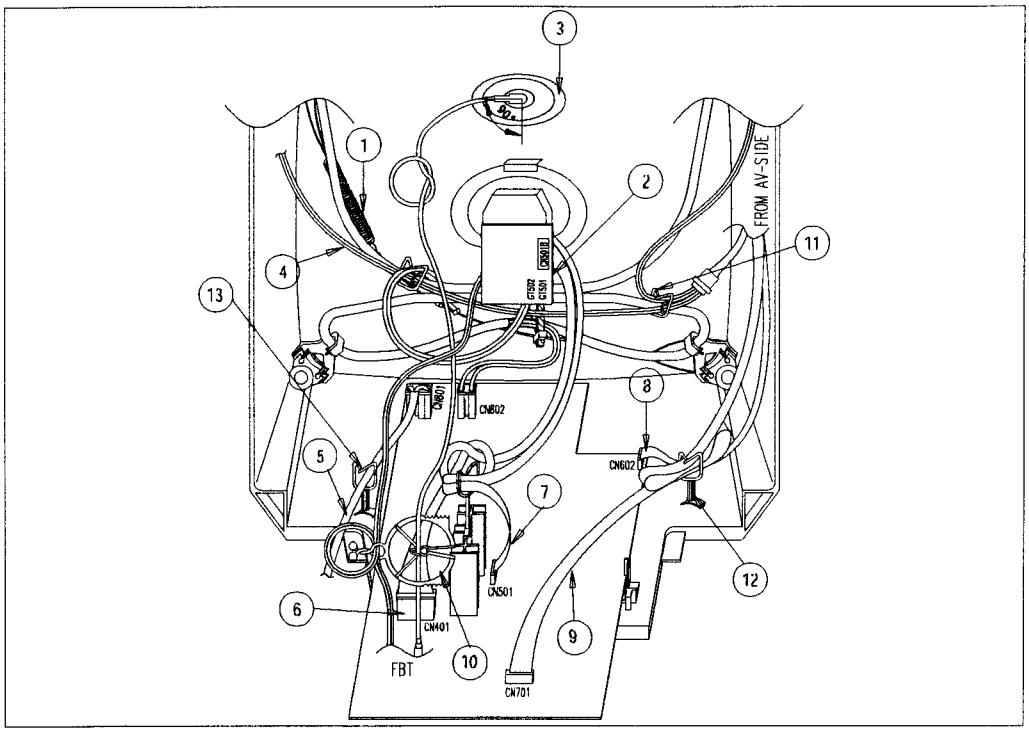
# 3. Disassembly and Reassembly

## 3-1 Back Cover Removal



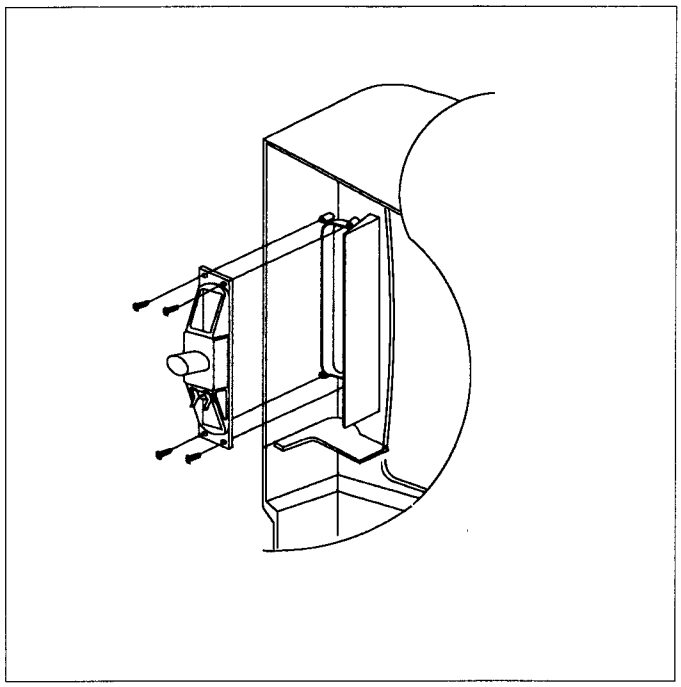

1. After removing the 7 screws, pull the cabinet backwards.

## 3-2 Main Board Removal

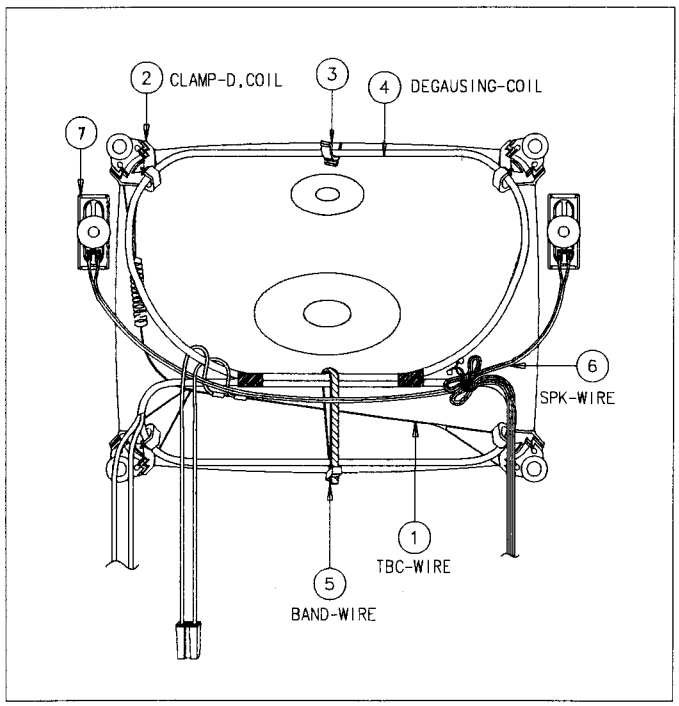



1. Separate the TBC-wire 2P connector from GT501,GT502.
2. Separate the CRT Assembly from the CRT socket.
3. Remove the Anode Cap from the CRT.
4. Separate the D-Coil Connector from CN802.
5. Separate the AC cord from CN801.
6. Separate the DC connector from CN401.
7. Separate the CN501B 8P CRT connector from CN501.
8. Separate the CNA05 5P A/V side connector from CN602.
9. Separate the CNA01 8P CRT connector from CN701.
10. Separate the Focus Screen Wire from the FBT clamper.
11. Separate the TBC wire 2P, speaker wires from the wire clamper.
12. Separate the CN701, CN602 connector from the wire clamper.
13. Separate the AC cord from the wire clamper.
14. Remove the main board by pulling it with both hands.

## 3-3 Speaker Removal

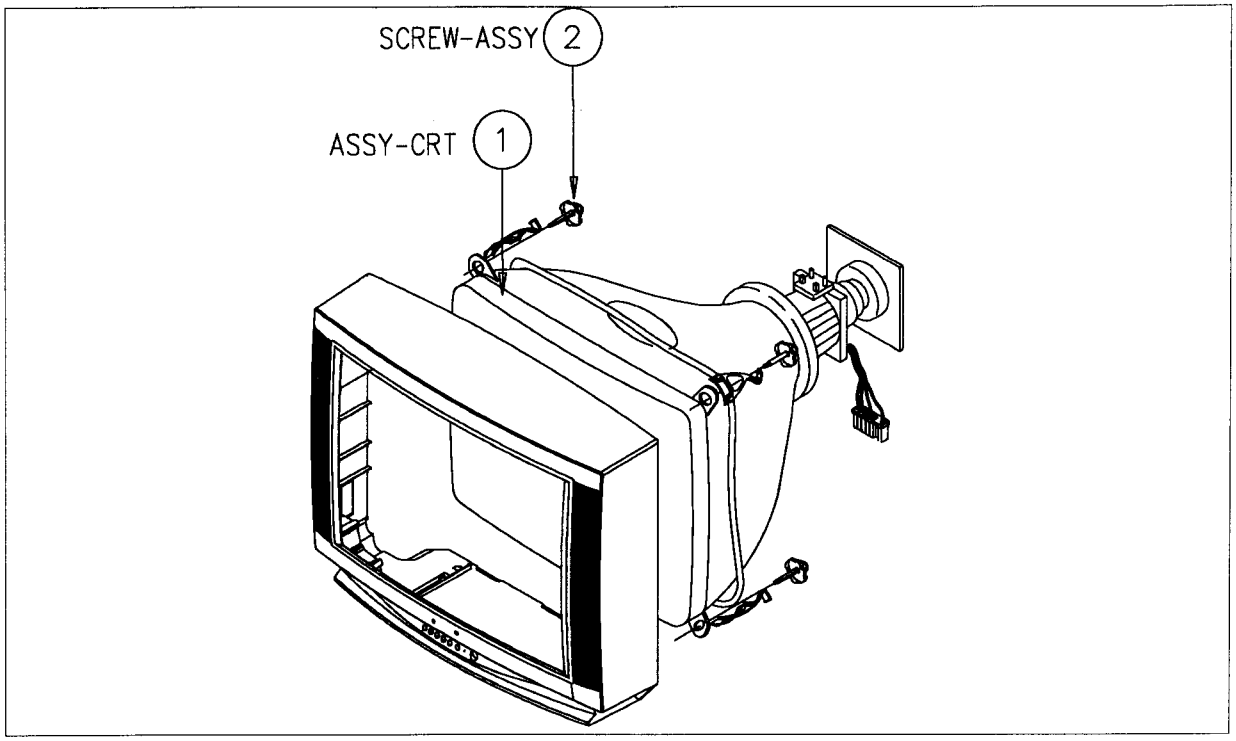


1. Remove the speaker by pressing the tension rib.




1. Separate the speaker wires from D-coil (located on the bottom to the right side).
2. Remove the screws.

## 3-4 CRT Removal




1. Remove the 4 nuts that mount the CRT to the front cabinet. Pull the CRT backwards.

2. Caution: Because of the high vacuum and large surface area of the picture tube, be careful while handling it: (1) Always lift the picture tube by grasping it firmly around the faceplate, (2) Never lift the tube by its neck. (3) Do not scratch the picture tube or apply excessive pressure. Fractures of the glass may cause an implosion.

# 4. Alignment and Adjustments

## 4-1 Preadjustment

### 4-1-1 Factory Mode

1. Do not attempt these adjustments in the Video Mode.
2. The Factory Mode adjustments are necessary when either the EEPROM (IC902) or the CRT is replaced.
3. Do not tamper with the "Adjustment" screen of the Factory Mode menu. This screen is intended only for factory use.

### 4-1-2 When EEPROM (IC902) Is Replaced

1. When IC902 is replaced all adjustment data revert to initial values. It is necessary to re-program this data.
2. After IC902 is replaced, warm up the TV for 10 seconds.

### 4-1-3 When CRT Is Replaced

1. Make the following adjustments AFTER setting up after setting up purity and convergence :

   White Balance
   Sub-Brightness, Sub-Contrast
   Vertical Center
   Vertical Size
   Horizontal Size
   Fail Safe (This adjustment must be the last step).

## 4-2 Factory/Service Mode

### 4-2-1 Procedure for the "Adjustment" Mode

1. This mode uses the standard remote control. The Service Mode is activated by entering the following remote-control sequence :

   (1) STAND-BY→ DISPLAY→ MENU→ MUTE →POWER ON.

2. The "SERVICE (FACTORY)" message will be displayed. The Service Mode has three components: Adjustment, Option and Reset.
3. Access the Adjustment Mode by pressing the "VOLUME" keys ( Up or Down). The adjustment parameters are listed in the accompanying table, and selected by pressing the CHANNEL keys (▲ ,▼).
4. Selection sequences for the PAL system:

   DOWN or UP key:

   AGC↔VCO↔SBT↔SCT↔SCR↔SC↔RG↔ BG↔CDL↔STT↔LCO↔VOL↔PSL↔PVS↔ PVA↔PHS↔PEW↔PEP↔PEC↔PET↔VSC↔ TSC↔SA↔QEW↔PCT↔PIT↔PHM↔PVP↔ PHP↔NSR↔PDL↔AGC.

5. The VOLUME keys increase or decrease the adjustment values (stored in the non-volatile memory) when Adjustment Mode is cancelled.
6. Cancel the Adjustment Mode by re-pressing the "HIDDEN" or "Power OFF/ON" keys.
7. After adjustments are completed, re-start the TV set.

## 4-2-2 Main Adjustment Parameters

| OSD | FUNCTION | RANGE |
|---|---|---|
| AGC | AUTO GAIN CONTROL | 0 - 63 |
| VCO | VOLTAGE CONTROLLED OSCILLATOR | 0 - 127 |
| SBT | SUB BRIGHTNESS | 0 - 23 |
| SCT | SUB CONTRAST | 0 - 23 |
| SCR | SUB COLOUR | 0 - 23 |
| SC | S-CORRECTION | 0 - 63 |
| RG | RED DRIVE GAIN | 0 - 63 |
| BG | BLUE DRIVE GAIN | 0 - 63 |
| CDL | CATHODE DRIVE LEVEL | 0 - 7 |
| STT | SUB TINT ( FOR NTSC) | 0 - 7 |
| LCO | SECAM-L VOLTAGE CONTROLLED OSCILLATOR | 0 - 1 |
| VOL | VOLUME INITIAL LEVEL | 0 - 63 |
| PSL | PAL VERTICAL SLOPE | 0 - 63 |
| PVS | PAL VERTICAL SHIFT | 0 - 63 |
| PVA | PAL VERTICAL AMPLITUDE | 0 - 63 |
| PHS | PAL HORIZONTAL SHIFT | 0 - 63 |
| PEW | PAL E-W WIDTH | 0 - 63 |
| PEP | PAL E-W PALABOLA | 0 - 63 |
| PEC | PAL E-W CORNER | 0 - 63 |
| PET | PAL E-W TRAPEZIUM | 0 - 63 |
| VSC | VERTICAL SCROLL | 0 - 63 |
| TSC | TELETEXT SUB CONTRAST | 0 - 63 |
| SA | SEPARATION ADJUSTMENT (STEREO) | 0 - 15 |
| QEW | Q(12.8:9) MODEL E-W WIDTH | 0 - 7 |
| PCT | PIP CONTRAST | 0 - 15 |
| PTT | PIP TINT | 0 - 63 |
| PHM | PIP HORIZONTAL MOVE | 0 - 15 |
| PVP | PIP VERTICAL POSITION | 0 - 63 |
| PHP | PIP HORIZONTAL POSITION | 0 - 63 |
| NSR | NTSC SUB COLOUR | 0 - 23 |
| PDL | PAL DELAYTIME | 0 - 15 |

FACTORY MODE VALUE

| OSD | INITIAL | OSD | INITIAL | OSD | INITIAL |
|---|---|---|---|---|---|
| 2 (CH) | | LCO | 1 (FIXED) | TSC | 20(FIXED) |
| AGC | 10 | VOL | 25 | SA | 7 |
| VCO | 80(FIXED) | PSL | 31(FIXED) | QEW | 5 |
| SBT | 7 | PVS | 31 | PCT | 7(FIXED) |
| SCT | 16 | PVA | 31 | PTT | 31(FIXED) |
| SCR | 5(FIXED) | PHS | 40 | PHM | 8(FIXED) |
| SC | 11(FIXED) | PEW | 38 | PVP | 31(FIXED) |
| RG | 31 | PEP | 22 | PHP | 31(FIXED) |
| BG | 31 | PEC | 22 | NSR | 3 (FIXED) |
| CDL | 5 | PET | 30 | PDL | 0 (FIXED) |
| STT | 10(FIXED) | VSC | 31(FIXED) | | |

### 4-2-3 AGING Mode (Reference Only)

This pattern is used for pre-heating the CRT during manufacturing–it is accessed in the factory by twice pressing the "FACTORY " key.

Even if the TV power is cut off, the Aging Mode is not cancelled, The AGING mode is cancelled by repressing the "HIDDEN" or any key on the front pannel.

## 4-2-4 Option Byte Table

Option Byte

1.ZOOM MODE : NORMAL/ZOOM/16:9
2.AUDIO MODE : NICAM STEREO
3.ONE CHIP : TDA8844
4.LED OPTION : NORMAL
5.LANGUAGE : WEST
ENG/GER/FRA/DUT/SPA/ITA/SWE
6.SYSTEM: CX
7.ATS OPTION : ON
8.FIELD POL : FIELD POS

| OPTION | OSD | NOTE |
|---|---|---|
| ZOOM MODE | PLUNOR/ZOOM/16:9 | 12.8 : 9 CRT USED(30",22") |
| | NORMAL/ZOOM/16:9 | NORMAL CRT USED |
| | NORMAL/ZOOM | |
| | PLUS/NORMAL | 12.8 : 9 CRT USED(26") |
| AUDIO MODE | NICAM STEREO | NICAM MODULE USED |
| | STEREO | A2 MODULE USED |
| | LINE STEREO | MONO MODULE USED<br>(LINE STEREO MODEL ) |
| | MONO | MONO MODULE USED<br>(MONO MODEL ) |
| ONECHIP | TDA8844 | CRT(MORE THAN 22-INCH)USED |
| | TDA8842 | CRT(MORE THAN 21-INCH)USED |
| LED OPTION | NORMAL | DEFAULT |
| | POLAND | POLAND MODEL ONLY |
| LANGUAGE | WEST<br>ENG/GER/FRA/DUT/SPA/<br>ITA/SWE | WEST EUROPE MARKET<br>ENGLISH/GERMANY/FRANCE/<br>NETHERLANDS/SPAIN/ITALY/SWEDEN |
| | EAST<br>ENG/CZE/CRO/RUM/HUN/<br>POL | EAST EUROPE MARKET<br>ENGLISH/CZECH/CROATIA/ROMANIA/<br>HUNGARY/POLAND |
| SYSTEM | CF | SECAM-L/L', PAL/SECAM-B/G |
| | CI | PAL - I ( UHF BAND ONLY) |
| | CK | PAL/SECAM - B/G,D/K |
| | CX | PAL/SECAM -B/G |
| | CB | PAL -B/G |
| ATS OPTION | ON | ATM FUNCTION USED |
| | OFF | ATM FUNCTION NOT USED |
| FIELD POL | FIELD POS | PHILIPS CRT USED |
| | FIELD NEG | OTHER CRT USED |

Alignment and Adjustments

### 4-2-5 RESET

The Reset Mode is used during factory inspection.
Function Reset:

| | | |
|---|---|---|
| 1. | Channels | Add/Erase |
| 2. | Language | Last condition |
| 3. | Station name | Clear |

## 4-3 Other Adjustments

### 4-3-1 General

1. Usually, a color TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync and focus.

2. The picture should have good black and white details. There should be no objectionable color shading; if color shading is present, perform the purity and convergence adjustments described below.

3. Use the specified test equipment or its equivalent.

4. Correct impedance matching is essential.

5. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.

6. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.

7. Do not attempt to connect or disconnect any wires while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.

8. To protect against shock hazard, use an isolation transformer.

### 4-3-2 Automatic Degaussing

A degaussing coil is mounted around the picture tube, so that external degaussing after moving the TV should be unnecessary. But the receiver must be properly degaussed upon installation.

The degaussing coil operates for about 1 second after the power is switched ON. If the set has been moved or turned in a different direction, disconnect its AC power for at least 30 minutes.

If the chassis or parts of the cabinet become magnetized, poor color purity will result. If this happens, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube and the sides and front of the receiver. Slowly withdraw the coil to a distance of about 6 feet before removing power.

Alignment and Adjustments

### 4-3-3 High Voltage Check

CAUTION: There is no high voltage adjustment on this chassis. The B+ power supply must be set to +155 volts (Full color bar input and normal picture level).

1. Connect a digital voltmeter to the second anode of the picture tube.
2. Turn on the TV. Set the Brightness and Contrast controls to minimum (zero beam current).
3. The high voltage should not exceed 33KV.
4. Adjust the Brightness and contrast controls to both extremes. Ensure that the high voltage does not exceed 33KV under any conditions.

### 4-3-4 FOCUS Adjustment

1. Input a black and white signal.
2. Adjust the tuning control for the clearest picture.
3. Adjust the FOCUS control for well defined scanning lines in the center area of the screen.

### 4-3-5 Screen Adjustment

1. Connect CRT socket pin GK, BK, RK to an oscilloscope probe.
2. Input a gray scale pattern. (Use a pattern generator, PM5518)
3. Use the Picture mode for the STANDARD picture.
4. Adjust the Screen VR (on the FBT) so that the voltage on the oscilloscope becomes 140±2.5V (See Fig. 4-1).

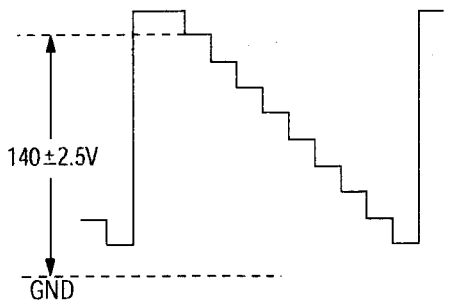



Fig. 4-1

### 4-3-6 Purity Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Plug in the CRT deflection yoke and tighten the clamp screw.
3. Plug the convergence yoke into the CRT and set in as shown in Fig. 4-2.
4. Input a black and white signal.
5. Fully demagnetize the receiver by applying an external degaussing coil.
6. Turn the CONTRAST and BRIGHTNESS controls to maximum.
7. Loosen the clamp screw holding the yoke. Slide the yoke backward or forward to provide vertical green belt. (Fig. 4-3).
8. Tighten the convergence yoke.
9. Slowly move the deflection yoke forward, and adjust for the best overall green screen.
10. Temporarily tighten the deflection yoke.
11. Produce blue and red rasters by adjusting the low-light controls. Check for good purity in each field.
12. Tighten the deflection yoke.

Alignment and Adjustments

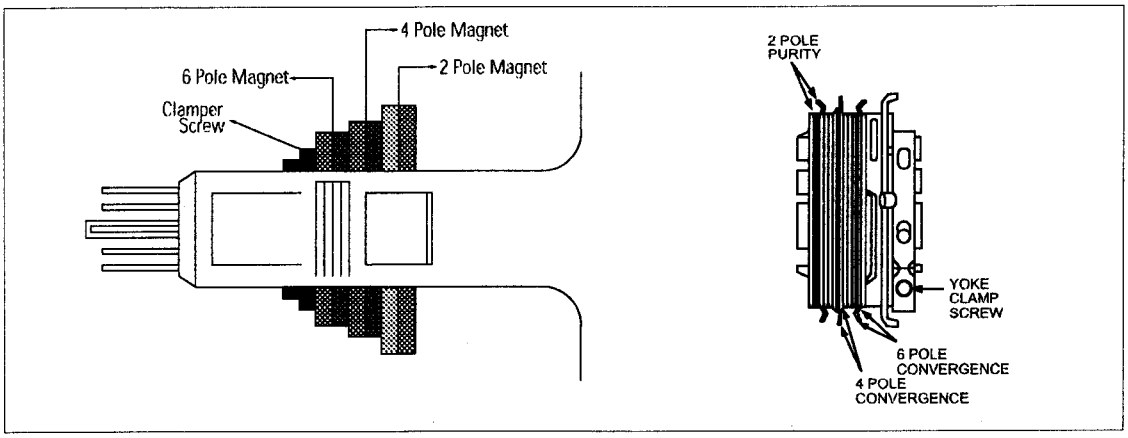



Fig. 4-2 Convergence Magnet Assembly

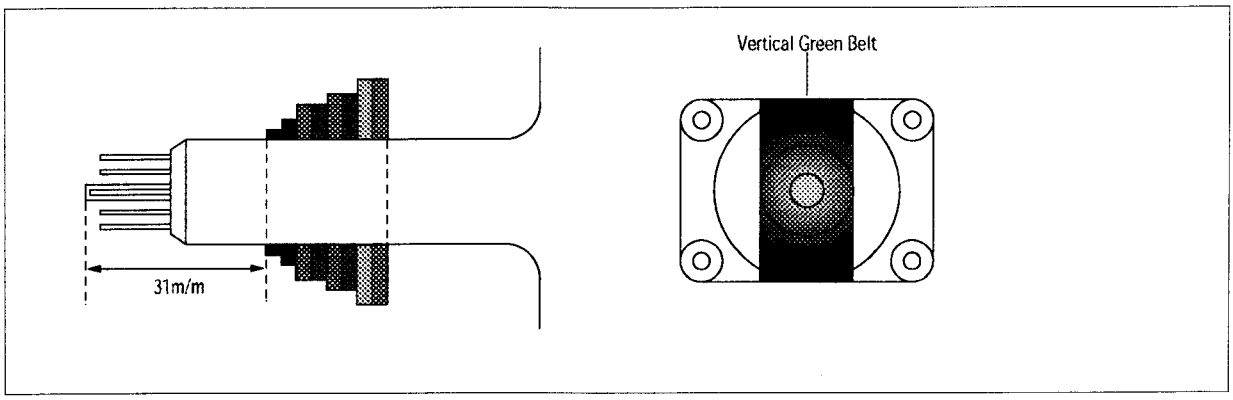



Fig. 4-3 Center Convergence Adjustment

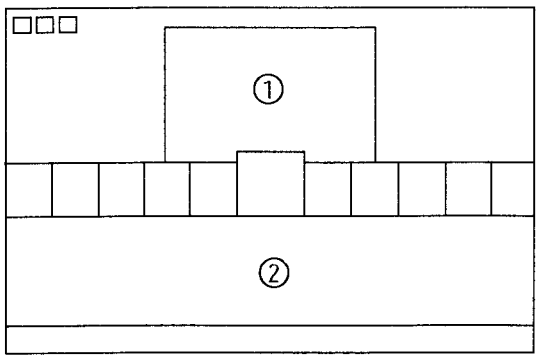



Fig. 4-4

### 4-3-7 White Balance Adjustment

(a) Set up

1. Warm up the TV for at least 30 minutes in the White Pattern.
2. Input a Toshiba pattern.

(b) High-Light Adjustment

Set SCT to 40 ± 5 fL in the Factory Service Mode with using CA100. (See Fig. 4-4 ①)

(c) Low-Light Adjustment

Set SBT to 1.5 ± 0.2 fL in the Factory Service Mode with using CA100. (See Fig. 4-4 ②)

Alignment and Adjustments

## 4-3-8 Center Convergence Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Adjust the two tabs of the 4 pole magnets to change the angle between them. Superimpose the red and blue vertical lines in the center area of the screen.
3. Adjust the Brightness and Contrast controls for a well defined picture.
4. Adjust the two-tab pairs of the 4 pole magnets, and change the angle between them. Superimpose the red and the blue vertical lines in the center area of the screen.
5. Turn the both tabs at the same time, keeping the angle constant, and superimpose the red and blue horizontal line in the center of the screen.
6. Adjust the two-tab pairs of the 6-pole magnets to superimpose the red and blue line onto the green. (Changing the angle affects the vertical lines, and rotating both magnets affects the horizontal lines.)
7. Repeat adjustments 2~6, if necessary.
8. Since the 4-pole magnets and 6-pole magnets interact, the dot movement is complex (Fig. 4-5).

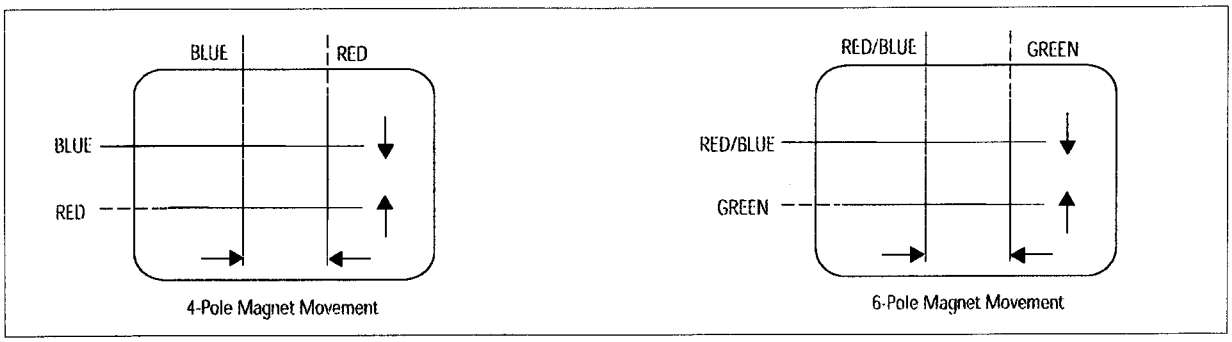



Fig. 4-5 Center Convergence Adjustment

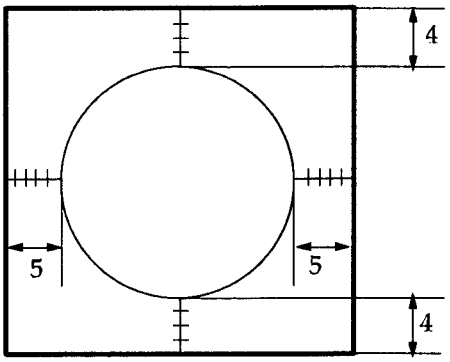
## 4-3-9 RF AGC Adjustment

1. Tune to the strongest local station.
2. Enter the Factory Service Mode to make adjustments.
3. Adjust the AGC control untill noise(snow) disappears from the screen.

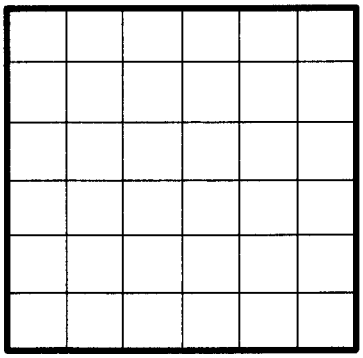
Alignment and Adjustments

## 4-3-10 Geometry Adjustment

1. Input a lion head pattern.
2. Adjust PVS so that the picture is vertically centered.
3. Adjust with PVA so that the top and bottom margins of the picture are 4.
4. Adjust PHS so that the picture is horizontally centered.
5. Adjust with PEW so that the left and right margins of the picture are 5.

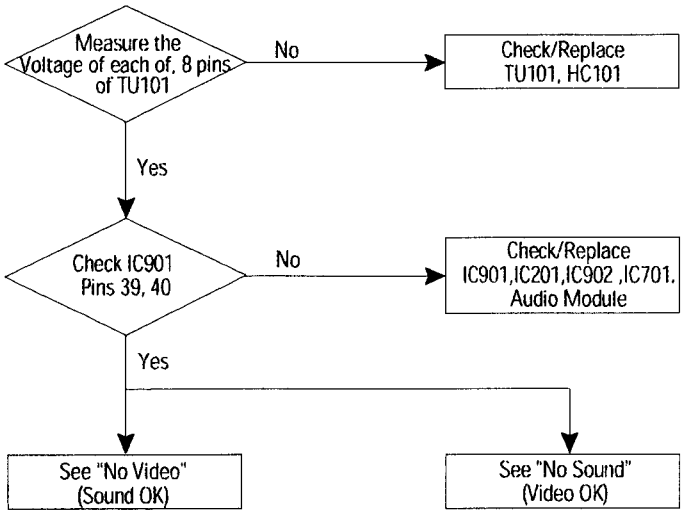



6. Input a crosshatch pattern.
7. Adjust PEP, PEC , PET for vertical linearity.

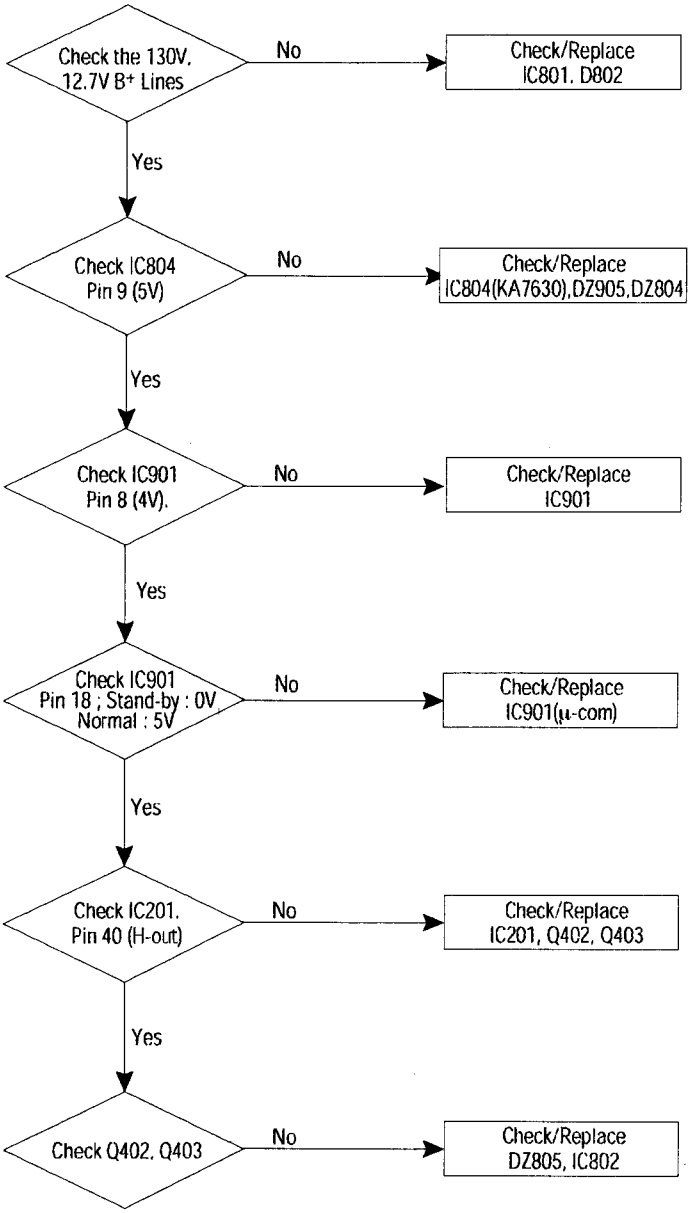


# 5. Troubleshooting

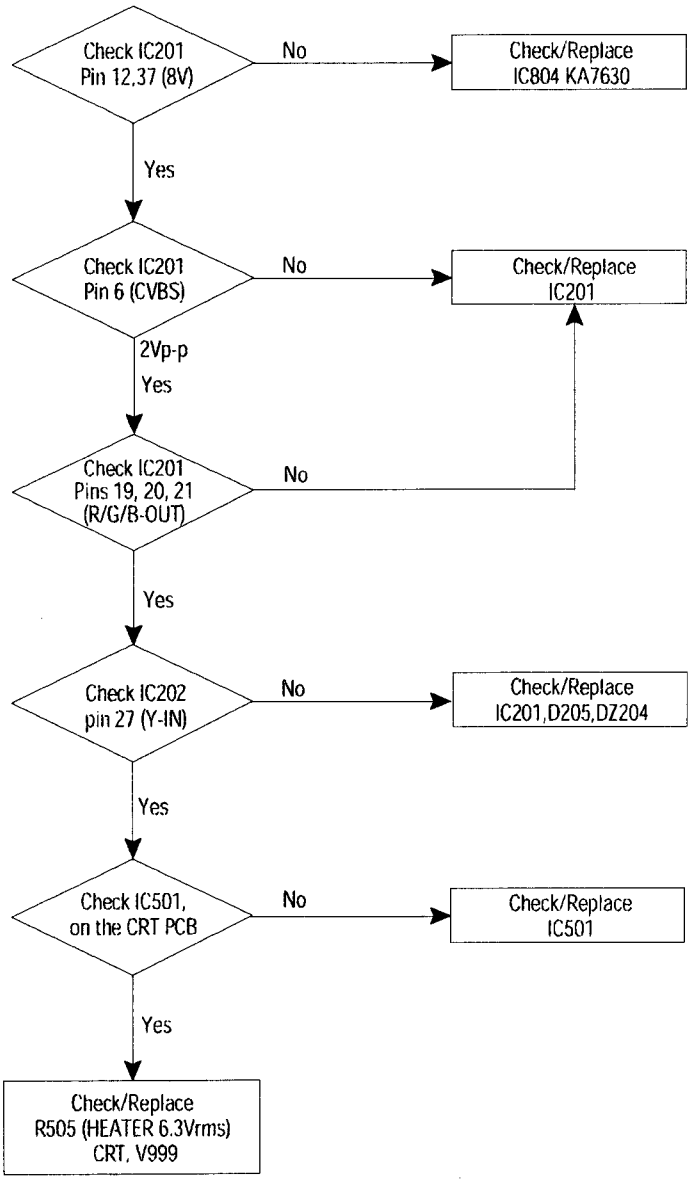
## 5-1 No Video (Raster On, No Sound)



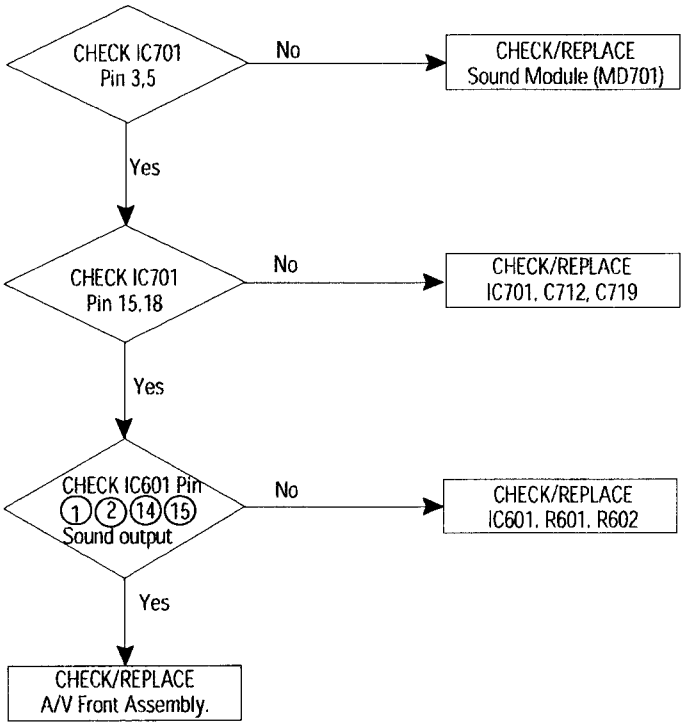
## 5-2 No Power


Check the 130V, 12.7V B+ Lines
No
Check/Replace IC801, D802
Yes
Check IC804 Pin 9 (5V)
No
Check/Replace IC804(KA7630),DZ905,DZ804
Yes
Check IC901 Pin 8 (4V).
No
Check/Replace IC901
Yes
Check IC901 Pin 18 ; Stand-by : 0V Normal : 5V
No
Check/Replace IC901(μ-com)
Yes
Check IC201, Pin 40 (H-out)
No
Check/Replace IC201, Q402, Q403
Yes
Check Q402, Q403
No
Check/Replace DZ805, IC802

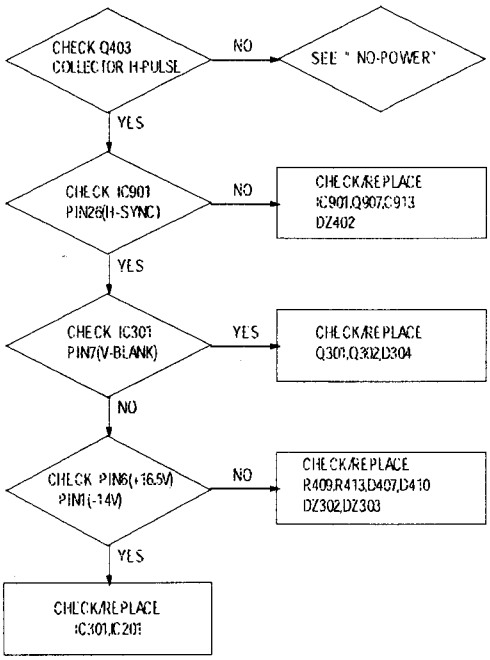
## 5-3 No Video (Sound OK)



## 5-4 No Sound (Video OK)




## 5-5 Power OFF/ON (Repeatedly)



## 5-6 SMPS (Power Supply) Does Not Function

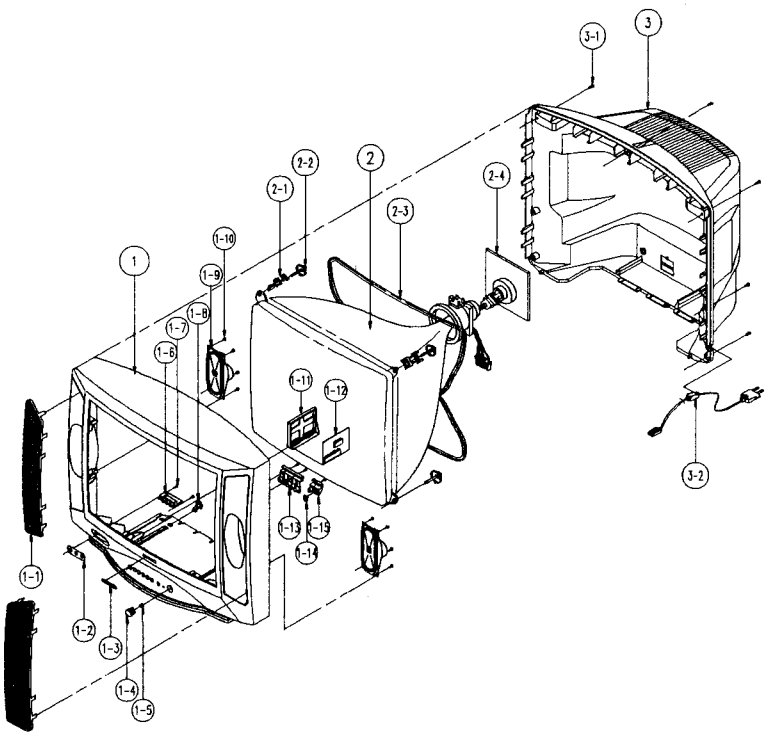
(1) When F802 is open:
Check/Replace F802 , IC801 , D802.

(2) When F802 is okay, but SMPS does not function:
Check/Replace DZ801 , DZ808 , IC802 , DZ805.

(3) Others: See "5. Troubleshooting"

# 6. Exploded View & Parts List

## 6-1 CK5944N3X




| No | Code No | Description | Specification | Q'ty | Remark |
|---|---|---|---|---|---|
| 1 | HA91-100012 | ASSY-CABINET,FRONT | 5944 | 1 | |
| | HA64-300027 | CABINET-FRONT | -,5944,-,HIPS,HB,BLK,-,- | 1 | |
| 1-1 | AA63-50294A | GRILLE-WOOFER,L | DP,5944,AA63-50289A,-,-,-,- | 1 | |
| | AA63-50295A | GRILLE-WOOFER,R | DP,5944,AA63-50293A,-,-,-,- | 1 | |
| 1-2 | | ASSY-CABINET,FRONT OPTION | | | |
| 1-3 | AA64-70011B | BADGE-BRAND | -,AL,-,L60,SILVER,R2000 SS 25, | 1 | |
| 1-4 | AA64-10614A | KNOB-POWER,M | -,ABS,HB,BLK,-,5944 | 1 | |
| 1-5 | AA61-60005K | SPRING-CS | -,SUS304,0.6,OD12.2,H13,N4,-,- | 1 | |
| 1-6 | HA95-900009 | ASSY-PCB,A/V FRONT | SCT12A/12B | 1 | |
| 1-7 | AA60-10002A | SCREW-TAPPING | RH,+,M4,L12,ZPC(YEL),-,OD14 | 2 | |
| 1-8 | AA61-40053A | STOPPER-PCB | ALL MODEL,HIPS HB,WHT,HB,-,- | 1 | |
| 1-9 | 3001-000150 | SPEAKER | 20W,8ohm,91dB,130Hz | 2 | |
| 1-10 | 6002-000514 | SCREW-TAPPING | RH,+,2,M4,L15,ZPC(BLK),SWRCH18 | 8 | |
| 1-11 | AA61-10068A | BRACKET-PCB | -,M2160,SPTE,T0.3,-,-,- | 1 | |
| 1-12 | AA95-40011V | ASSY-SOUND | -,-,S51A,NICAM,-,- | 1 | |
| 1-13 | AA64-10613A | KNOB-CONTROL | -,ABS,HB,BLK,-,5944 | 1 | |
| 1-14 | AA64-40395A | INDICATOR-LED | -,ACRYL,HB,-,CLR,-,5944 | 1 | |
| 1-15 | AA64-40394A | WINDOW-REMOCON | -,ABS,HB,-,LG-41338,-,594 | 1 | |
| 2 | AA03-10018X | CRT-COLOR | -,A59EAK071X01,+380mG,25,110D | 1 | |
| 2-1 | AA65-30017A | CLAMP-D,COIL | NYLON-66,V0,NTR,DADH300,25 20 | 4 | |
| 2-2 | AA60-10050Q | SCREW-ASSY | WC,HH,+,M5,L26.5,SWRCH18A,ZPC( | 4 | |
| 2-3 | AA27-20004G | COIL-DEGAUSSING | -,25,16.9ohm,35T,L2600,E | 1 | |
| 2-4 | 3704-001105 | SOCKET-CRT | 11P,20PI,26.5PI,NI,- | 1 | |
| 3 | HA64-300022 | CABINET-BACK | 5944,HIPS,V2,BLK,-,-, | 1 | |
| 3-1 | 6002-000514 | SCREW-TAPPING | RH,+,2,M4,L15,ZPC(BLK),SWRCH18 | 8 | |
| 3-2 | AA96-20014D | ASSY-POWER,CORD | DP,KJP-140,H/C450MM,KLCE-2F,-, | 1 | |

# 7. Electric Parts List

## 7-1 CK5944W3X/LIB (CK5944N3X AND CK5944W3X Dissimilar Parts)

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| | | **ASSY-PCB,MAIN** | |
| | | BUYER : LIBRA | |
| * | HA94-100436 | ASSY-PCB,MAIN;CK5944W3X/LIB,S51A,01 | |
| | | **ASSY-SOUND** | |
| * | AA97-90010W | ASSY-SOUND;-,CS29D4V,S51A,PAL,MONO,- | |
| CFM01 | 2904-001054 | FILTER-SAW AV;38.9MHz,SIP5P,-,13.9dB,NTS | |
| CFM02 | 2904-001010 | FILTER-SAW AV;32.9~33.4MHz,SIP5P,ST,14.4 | |
| CM01 | 2301-000383 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm | |
| CM02 | 2401-000603 | C-AL;1uF,20%,50V,GP,TP,5x11.5 | |
| CM03 | 2401-002300 | C-AL;47uF,20%,50V,GP,TP,6.3x11.5 | |
| CM04 | 2305-000665 | C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m | |
| CM05 | 2202-000127 | C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V | |
| CM06 | 2202-000127 | C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V | |
| CM07 | 2301-000224 | C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm | |
| CM08 | 2301-000383 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm | |
| CM09 | 2202-000127 | C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V | |
| CM10 | 2202-000127 | C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V | |
| CM11 | 2202-000127 | C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V | |
| CM12 | 2401-001333 | C-AL;470nF,20%,50V,GP,TP,5x11.5 | |
| CM13 | 2401-001333 | C-AL;470nF,20%,50V,GP,TP,5x11,5 | |
| CM14 | 2401-000660 | C-AL;2.2uF,20%,50V,GP,TP,5x11.5 | |
| CM15 | 2401-000660 | C-AL;2.2uF,20%,50V,GP,TP,5x11.5 | |
| CM16 | 2401-000660 | C-AL;2.2uF,20%,50V,GP,TP,5x11,5 | |
| CM17 | 2401-000660 | C-AL;2.2uF,20%,50V,GP,TP,5x11,5 | |
| CNN01 | 3711-002704 | CONNECTOR-HEADER;NOWALL,6P,1R,2.5mm,ANGL | |
| CNN02 | 3711-002705 | CONNECTOR-HEADER;NOWALL,7P,1R,2.5mm,ANGL | |
| DM01 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,200MA,DO-35,T | |
| DM02 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,200MA,DO-35,T | |
| DM03 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,200MA,DO-35,T | |
| DM04 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,200MA,DO-35,T | |
| HN01 | AA61-10068A | BRACKET-PCB;-,M2160,SPTE,10.3,-,-,- | |
| ICM01 | 1204-001450 | IC-SOUND PROCESSOR;LA7566,DIP,24P,300MIL | |
| JM01 | 2701-000114 | INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm | |
| LM02 | 2701-000168 | INDUCTOR-AXIAL;3.3uH,5%,2.5x3.4mm | |
| QM01 | 0504-000125 | TR-DIGITAL;KSR1012,NPN,300mW,47K,TO-92,T | |
| QM02 | 0504-000125 | TR-DIGITAL;KSR1012,NPN,300mW,47K,TO-92,T | |
| QM03 | 0504-000125 | TR-DIGITAL;KSR1012,NPN,300mW,47K,TO-92,T | |
| QM04 | 0504-000123 | TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T | |
| QM05 | 0504-000123 | TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T | |
| QM06 | 0504-000123 | TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T | |
| QM07 | 0504-000119 | TR-DIGITAL;KSR1004,NPN,300mW,47K-47K,TO- | |
| QM08 | 0504-000119 | TR-DIGITAL;KSR1004,NPN,300mW,47K-47K,TO- | |
| QM09 | 0501-000283 | TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T | |
| RM01 | 2001-000411 | R-CARBON,18KOHM,5%,1/8W,AA,TP,- | |
| RM02 | 2001-000362 | R-CARBON,150ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| RM03 | 2001-000890 | R-CARBON;6.8KOHM,5%,1/8W,AA,TP,- | |
| RM04 | 2001-000890 | R-CARBON;6.8KOHM,5%,1/8W,AA,TP,- | |
| RM05 | 2001-000890 | R-CARBON;6.8KOHM,5%,1/8W,AA,TP,- | |
| RM06 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,- | |
| RM09 | 2001-000786 | R-CARBON,47Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| RM10 | 2001-000786 | R-CARBON,47Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| RM11 | 2001-000003 | R-CARBON,330ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| RM12 | 2001-000003 | R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| RM13 | 2001-000003 | R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| RM14 | 2001-000003 | R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| RM15 | 2001-000812 | R-CARBON,5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| RM16 | 2001-000734 | R-CARBON,4.7KOHM,5%,1/8W,AA,TP,- | |
| RM17 | 2001-000734 | R-CARBON,4.7KOHM,5%,1/8W,AA,TP,- | |
| RM18 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,- | |
| RM19 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,- | |
| RM20 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,- | |
| RM21 | 2001-000449 | R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| RM22 | 2001-000449 | R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| RM23 | 2001-000449 | R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| RM24 | 2001-000008 | R-CARBON;15Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| RM25 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,- | |
| TM01 | AA26-10002V | TRANS-IF;-,7MG,SIF,-,7mm,100pf,5.5MHz,S | |
| ZM01 | 2903-000200 | FILTER-CERAMIC;BP,6.5MHz,+-70KHz,6dB,-,T | |
| ZM02 | 2903-000277 | FILTER-CERAMIC;BP,6.0MHz,60KHz,6.0dB,-,T | |
| ZM03 | 2903-000185 | FILTER-CERAMIC;BP,5.5MHz,+-75KHz,6dB,-,T | |
| ZM04 | 2903-000135 | FILTER-CERAMIC;BP,4.5MHz,+-60KHz,6dB,-,T | |

# 7-2 CK6844N3X/XEH,XEO (CK5944N3X AND CK6844N3X Dissimilar Parts)

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| | | **ASSY-PCB,MAIN** | |
| | | BUYER : SEH | |
| * | HA94-100417 | ASSY-PCB,MAIN;CK6844N3X/XEH,S51A,01 | |
| | | BUYER : SEPOL | |
| * | HA94-100417 | ASSY-PCB,MAIN;CK6844N3X/XEO,S51A,01 | |
| C703 | 2202-000243 | C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3. | |
| CN802 | AA27-20004K | COIL-DEGAUSSING;-,29.19.0ohm,451,3000mm | |
| R301 | 2001-001045 | R-CARBON(S),1.2KOHM,5%,1/2W,AA,TP,2.4X6. | |
| ⚠ T801 | AA26-20007W | TRANS-SWITCHING;-,90~260V,130/15.5/12/8V | |
| | | **ASSY-CRT** | |
| ⚠ | AA03-10018Y | CRT-COLOR;-,A66EAK071X01,+380MG,28,110D | |

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| | | **ASSY-CABINET(OPTION);SET6844** | |
| * | HA91-100014 | ASSY-CABINET,FRONT;6844 | |
| | HA64-300029 | CABINET-FRONT;-,6844,-,HIPS,HB,BLK,-,- | |
| | HA64-300024 | CABINET-BACK;6844,HIPS,V2,BLK,-,- | |
| | AA61-60003M | SPRING-CS;-,SUS304,0.6,OD11.2,H20,N9,-,- | |
| | AA63-50287A | GRILLE-WOOFER,L;DP,6844,AA63-50191A,-,- | |
| | AA63-50288A | GRILLE-WOOFER,R;DP,6844,AA63-50201A,-,- | |
| | AA64-10347A | KNOB-CONTROL;-,ABS,HB,BLK,-,6844 | |
| | AA64-10348A | KNOB-POWER,M;-,ABS,HB,BLK,-,6844 | |
| | AA64-40243A | WINDOW-REMOCON;-,PC,-,-,-,-,6844 | |
| | AA64-40249A | INDICATOR-LED;-,ACRYL,HB,-,-,6844,- | |

# 7-3 CK5944N3X/XEH Parts List

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| | | **ASSY-PCB,MAIN** | |
| | | BUYER : SEH | |
| * | HA94-100433 | ASSY-PCB,MAIN;CK5944N3X/XEO,S51A,01 | |
| BOT | 0403-000295 | DIODE-ZENER;MTZ5.1B,5.1V,4.94-5.20V,500mW, | |
| BOT | 2003-001037 | R-METAL OXIDE(S),39ohm,5%,2W,AF,TP,3.9x10mm | |
| C102 | 2401-002594 | C-AL;220uF,20%,16V,GP,TP,8x11.5,5 | |
| C103 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C104 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C105 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C106 | 2401-001082 | C-AL;330nF,20%,50V,GP,TP,5x11,5 | |
| C107 | 2401-001082 | C-AL;330nF,20%,50V,GP,TP,5x11,5 | |
| C109 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,3.5x19,- | |
| C207 | 2401-001026 | C-AL;3.3uF,20%,50V,GP,TP,5x11mm,5mm | |
| C210 | 2306-000122 | C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0mm, | |
| C211 | 2401-002619 | C-AL;47uF,20%,25V,GP,TP,5x11,5 | |
| C213 | 2301-000224 | C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5m | |
| C214 | 2401-000660 | C-AL;2.2uF,20%,50V,GP,TP,5x11,5 | |
| C215 | 2305-000412 | C-FILM,MPEF;470nF,5%,63V,TP,-,5mm | |
| C216 | 2401-001840 | C-AL;100uF,20%,16V,GP,TP,6.3x11,5 | |
| C217 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| C218 | 2305-000411 | C-FILM,MPEF;470nF,5%,50V,TP,7.3x4.8x5.5mm, | |
| C219 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C220 | 2401-000302 | C-AL;100uF,20%,25V,GP,TP,6.3x11,5 | |
| C221 | 2305-000289 | C-FILM,MPEF;220nF,5%,63V,TP,-,5mm | |
| C222 | 2305-000412 | C-FILM,MPEF;470nF,5%,63V,TP,-,5mm | |
| C223 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C224 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C225 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C226 | 2401-000480 | C-AL;10uF,20%,50V,GP,TP,5x11,5 | |
| C227 | 2201-000986 | C-CERAMIC,DISC;12pF,5%,50V,NPO,TP,5x3mm,2.5mm | |
| C228 | 2201-000273 | C-CERAMIC,DISC;18pF,5%,50V,CH,TP,5x3mm,5 | |
| C229 | 2301-000356 | C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5mm | |
| C230 | 2301-000192 | C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm | |
| C231 | 2202-000183 | C-CERAMIC,MLC-AXIAL;2.2nF,20%,16V,Y5R,TP,3.5x19,- | |
| C232 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,3.5x19,- | |
| C233 | 2309-000138 | C-FILM,PE-PPF;100nF,5%,50V,TP,20x16x8.5,7.5m | |
| C234 | 2305-000289 | C-FILM,MPEF;220nF,5%,63V,TP,-,5mm | |
| C236 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| C237 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| C238 | 2301-000383 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm | |
| C239 | 2301-000445 | C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm | |
| C240 | 2401-001840 | C-AL;100uF,20%,16V,GP,TP,6.3x11,5 | |
| C241 | 2401-000603 | C-AL;1uF,20%,50V,GP,TP,5x11,5 | |
| C242 | 2202-000183 | C-CERAMIC,MLC-AXIAL;2.2nF,20%,16V,Y5R,TP,3.5x19,- | |
| C243 | 2401-000603 | C-AL;1uF,20%,50V,GP,TP,5x11,5 | |
| C244 | 2301-000224 | C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5m | |
| C245 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| C301 | 2301-000254 | C-FILM,PEF;39nF,5%,50V,TP,7.5x3.5x6.5mm,5 | |
| C302 | 2401-000360 | C-AL;100uF,20%,50V,GP,TP,6x11.5,5 | |
| C303 | 2201-000259 | C-CERAMIC,DISC;180pF,10%,500V,Y5P,TP,6x4.5 | |
| C304 | 2301-000212 | C-FILM,PEF;220nF,5%,100V,BK,16.0x10.0x24. | |
| C305 | 2305-000149 | C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5,5 | |
| C306 | 2301-000383 | C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm | |
| C307 | 2401-000360 | C-AL;100uF,20%,50V,GP,TP,8x11.5,5 | |
| C308 | 2401-000480 | C-AL;10uF,20%,50V,GP,TP,5x11,5 | |
| C309 | 2401-001840 | C-AL;100uF,20%,16V,GP,TP,6.3x11,5 | |
| C403 | 2401-000901 | C-AL;22uF,20%,160V,GP,TP,10x20,5 | |
| C404 | 2201-000291 | C-CERAMIC,DISC;1nF,10%,500V,Y5P,TP,8.5x5MM,5 | |
| C405 | 2401-002268 | C-AL;2.2uF,20%,250V,LZ,TP,8X11,5 | |
| C406 | 2306-000186 | C-FILM,MPPF;330nF,5%,400V,TP,26x19.5x11,20 | |
| C407 | 2201-000984 | C-CERAMIC,DISC;680pF,10%,2KV,Y5P,TP,11x6.7.5m | |
| C408 | 2305-000382 | C-FILM,MPEF;4.7NF,5%,400V,TP,-,5MM | |
| C409 | 2201-000551 | C-CERAMIC,DISC;470pF,10%,1KV,Y5P,TP,8x5,5 | |
| C410 | 2401-001397 | C-AL;470uF,20%,25V,GP,10x16mm,5mm,T | |
| C411 | 2305-000178 | C-FILM,MPEF;10nF,5%,100V,TP,-,5mm | |
| C412 | 2201-000599 | C-CERAMIC,DISC;560pF,10%,500V,Y5P,TP,7x4.5 | |
| C413 | 2401-000962 | C-AL;22uF,20%,50V,GP,TP,5x11,5 | |
| C414 | 2306-000330 | C-FILM,MPPF;7.7nF,3%,1.6KV,TP,28.5x18.5x12 | |
| C415 | 2306-000178 | C-FILM,MPPF;3.9nF,5%,,1.6KV,BK,31x15x8.5,20 | |
| C416 | 2303-001026 | C-FILM,PPF;33nF,10%,400V,TP,20x15x8.7.5 | |
| C417 | 2306-001017 | C-FILM,MPPF;680NF,5%,400V,TP,26X14.5X24MM, | |
| C418 | 2201-000556 | C-CERAMIC,DISC;470pF,10%,500V,Y5P,TP,7x4,5 | |
| C419 | 2401-001397 | C-AL;470uF,20%,25V,GP,10x16mm,5mm,T | |
| C421 | 2401-002619 | C-AL;47uF,20%,25V,GP,TP,5x11,5 | |
| C422 | 2306-000122 | C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0mm, | |
| C423 | 2201-000556 | C-CERAMIC,DISC;470pF,10%,500V,Y5P,TP,7x4,5 | |
| C424 | 2401-001527 | C-AL;47uF,20%,250V,HR,TP,13x25mm,5m | |
| C425 | 2305-000154 | C-FILM,MPEF;100nF,5%,400V,TP,21.5x6.5x11.5 | |
| C427 | 2201-000984 | C-CERAMIC,DISC;680pF,10%,2KV,Y5P,TP,11x6.7.5m | |
| C504 | 2202-000862 | C-CERAMIC,MLC-AXIAL;390pF,10%,50V,Y5P,TP,3.5x1.9,- | |
| C506 | 2301-000213 | C-FILM,PEF;220nF,5%,,250V,TP,21.5x11,7.5 | |
| C510 | 2401-000430 | C-AL;10UF,20%,250V,GP,TP,10X16MM,5M | |
| C520 | 2401-001232 | C-AL;4.7uF,20%,250V,GP,TP,10x12.5,5 | |

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| C530 | 2201-002063 | C-CERAMIC,DISC;10nF,+80-20%,3KV,Y5V,TP,16x5.7 | |
| C601 | 2401-001914 | C-AL;1uF,20%,50V,BP,TP,5x11,5 | |
| C602 | 2301-000445 | C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm | |
| C603 | 2401-001333 | C-AL;470nF,20%,50V,GP,TP,5x11,5 | |
| C604 | 2301-000192 | C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm | |
| C605 | 2401-001914 | C-AL;1uF,20%,50V,BP,TP,5x11,5 | |
| C606 | 2301-000445 | C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm | |
| C607 | 2401-001998 | C-AL;1000UF,20%,,25V,GP,TP,10X20,5MM | |
| C701 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C702 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11,5 | |
| C703 | 2201-000483 | C-CERAMIC,DISC;33pF,5%,50V,CH,TP,5x3,5 | |
| C705 | 2305-000288 | C-FILM,MPEF;220nF,5%,50V,TP,7.3x4.8x5.5mm, | |
| C707 | 2401-000302 | C-AL;100uF,20%,,25V,GP,TP,6.3x11,5 | |
| C709 | 2306-000122 | C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0mm, | |
| C710 | 2401-000302 | C-AL;100uF,20%,,25V,GP,TP,6.3x11,5 | |
| C711 | 2401-002235 | C-AL;10UF,20%,16V,GP,TP,5X11MM,5MM | |
| C712 | 2401-000480 | C-AL;10uF,20%,,50V,GP,TP,5x11,5 | |
| C713 | 2301-000247 | C-FILM,PEF;33nF,5%,50V,TP,8.1x4.5x13mm,5m | |
| C714 | 2301-000289 | C-FILM,PEF;5.6nF,5%,50V,TP,7x6x3,5 | |
| C715 | 2401-001991 | C-AL;2.2uF,20%,,50V,GP,TP,5x11,5 | |
| C716 | 2401-001991 | C-AL;2.2uF,20%,,50V,GP,TP,5x11,5 | |
| C717 | 2301-000289 | C-FILM,PEF;5.6nF,5%,50V,TP,7x6x3.5 | |
| C718 | 2301-000247 | C-FILM,PEF;33nF,5%,50V,TP,8.1x4.5x13mm,5m | |
| C719 | 2401-000480 | C-AL;10uF,20%,,50V,GP,TP,5x11,5 | |
| C720 | 2401-002235 | C-AL;10UF,20%,16V,GP,TP,5X11MM,5MM | |
| C721 | 2301-000175 | C-FILM,PEF;15nF,5%,50V,TP,7.1x3.5x13mm,5m | |
| C722 | 2305-000288 | C-FILM,MPEF;220nF,5%,50V,TP,7.3x4.8x5.5mm, | |
| C723 | 2301-000175 | C-FILM,PEF;15nF,5%,50V,TP,7.1x3.5x13mm,5m | |
| C725 | 2305-000288 | C-FILM,MPEF;220nF,5%,,50V,TP,7.3x4.8x5.5mm, | |
| C727 | 2305-000288 | C-FILM,MPEF;220nF,5%,,50V,TP,7.3x4.8x5.5mm, | |
| C730 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP,3.5x19,- | |
| C731 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP,3.5x19,- | |
| C732 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP,3.5x19,- | |
| C733 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP,3.5x19,- | |
| C734 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP,3.5x19,- | |
| C735 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP,3.5x19,- | |
| C736 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP,3.5x19,- | |
| C737 | 2202-000231 | C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP,3.5x19,- | |
| C801 | 2306-000321 | C-FILM,MPPF;470nF,5%,275V,TP,-,22.5mm | |
| C802 | 2306-000321 | C-FILM,MPPF;470nF,5%,275V,TP,-,22.5mm | |
| C804 | 2201-000332 | C-CERAMIC,DISC;2.2nF,20%,250VAC,Y5U,TP,11x7.7 | |
| C805 | 2201-000332 | C-CERAMIC,DISC;2.2nF,20%,250VAC,Y5U,TP,11x7.7 | |
| C806 | 2401-001140 | C-AL;330uF,20%,400V,GP,BK,35x45,10 | |
| C807 | 2303-000163 | C-FILM,PPF;2.2nF,5%,800V,TP,15x13x8.5,7.5 | |
| C808 | 2401-002292 | C-AL;47uF,20%,,25V,WT,TP,8X11,5 | |
| C809 | 2301-000224 | C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5m | |
| C811 | 2301-000310 | C-FILM,PEF;68nF,5%,50V,TP,8.0X8.5X4.0X5.5 | |
| C812 | 2201-002002 | C-CERAMIC,DISC;4700pF,20%,400V,+20%-~55%,TP,2 | |
| C813 | 2201-002002 | C-CERAMIC,DISC;4700pF,20%,400V,+20%-~55%,TP,2 | |
| C814 | 2201-000683 | C-CERAMIC,DISC;850pF,10%,1KV,Y5P,TP,10x5,5 | |
| C815 | 2401-003026 | C-AL;330uF,20%,,200V,GP,ST,22x35,10 | |
| C816 | 2401-000293 | C-AL;100uF,+30-10%,,200V,HR,TP,16x25 | |
| C817 | 2201-000599 | C-CERAMIC,DISC;560pF,10%,,500V,Y5P,TP,7x4.5 | |
| C818 | 2401-000722 | C-AL;2200uF,20%,,25V,WT,TP,16x25,7.5 | |
| C819 | 2201-000599 | C-CERAMIC,DISC;560pF,10%,500V,Y5P,TP,7x4,5 | |
| C820 | 2401-000722 | C-AL;2200uF,20%,,25V,WT,TP,16x25,7.5 | |
| C821 | 2301-000192 | C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm | |
| C822 | 2201-000599 | C-CERAMIC,DISC;560pF,10%,,500V,Y5P,TP,7x4.5 | |
| C823 | 2401-001840 | C-AL;100uF,20%,,16V,GP,TP,6.3x11,5 | |
| C824 | 2305-000289 | C-FILM,MPEF;220nF,5%,,63V,TP,-,5mm | |
| C825 | 2306-000122 | C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0mm, | |
| C826 | 2401-001840 | C-AL;100uF,20%,,16V,GP,TP,6.3x11,5 | |
| C827 | 2401-002235 | C-AL;10UF,20%,,16V,GP,TP,5X11MM,5MM | |
| C828 | 2401-000493 | C-AL;10uF,20%,,50V,LZ,TP,5x11mm,5mm | |
| C829 | 2401-000302 | C-AL;100uF,20%,,25V,GP,TP,6.3x11,5 | |
| C830 | 2401-000611 | C-AL;1uF,20%,,50V,WT,TP,5x11,5 | |
| C831 | 2401-000480 | C-AL;10uF,20%,,50V,GP,TP,5x11,5 | |
| C832 | 2401-001840 | C-AL;100uF,20%,,16V,GP,TP,6.3x11,5 | |
| C833 | 2401-002144 | C-AL;47uF,20%,,16V,GP,TP,5x11,5 | |
| C834 | 2201-000370 | C-CERAMIC,DISC;220pF,10%,,50V,Y5P,TP,4.0X4.0,5 | |
| C901 | 2201-000234 | C-CERAMIC,DISC;150pF,5%,,50V,CH,TP,9.5x3,5 | |
| C902 | 2301-000108 | C-FILM,PEF;1.5nF,5%,,50V,TP,6.5x3.0x5.5mm, | |
| C903 | 2201-000119 | C-CERAMIC,DISC;100nF,+80-20%,,50V,Y5V,TP,8x3.5 | |
| C904 | 2401-000480 | C-AL;10uF,20%,,50V,GP,TP,5x11,5 | |
| C905 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| C906 | 2305-000665 | C-FILM,MPEF;100NF,5%,,63V,TP,7.5X4.0X5.0MM, | |
| C907 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C908 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C909 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C910 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,3.5x19,- | |
| C911 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,3.5x19,- | |
| C913 | 2301-000445 | C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm | |
| C914 | 2401-002144 | C-AL;47uF,20%,,16V,GP,TP,5x11,5 | |
| C915 | 2401-002144 | C-AL;47uF,20%,,16V,GP,TP,5x11,5 | |
| C916 | 2201-000980 | C-CERAMIC,DISC;30pF,5%,,50V,CH,TP,5.0x3.0,5mm | |
| C917 | 2201-000980 | C-CERAMIC,DISC;30pF,5%,,50V,CH,TP,5.0x3.0,5mm | |
| C918 | 2301-000192 | C-FILM,PEF;1nF,5%,,50V,TP,5.3x10mm,5mm | |
| C919 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C920 | 2401-000480 | C-AL;10uF,20%,,50V,GP,TP,5x11,5 | |
| C921 | 2202-000796 | C-CERAMIC,MLC-AXIAL;1nF,10%,,50V,Y5P,TP,3.5x19,- | |
| C922 | 2401-000302 | C-AL;100uF,20%,,25V,GP,TP,6.3x11,5 | |
| C923 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C924 | 2401-000480 | C-AL;10uF,20%,,50V,GP,TP,5x11,5 | |
| C925 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C926 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C927 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| C928 | 2401-001333 | C-AL;470nF,20%,,50V,GP,TP,5x11,5 | |
| CE01 | 2401-002597 | C-AL;220uF,20%,,35V,GP,TP,10x12.5,5 | |
| CE02 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| CE03 | 2305-000470 | C-FILM,MPEF;68nF,5%,,100V,TP,-,5mm | |
| CN501B | AA39-20604A | LEAD CONNECTOR-ASSY;-,YBNH250-9,YBNH05/04.5/4P,50 | |
| CN602 | 3711-002644 | CONNECTOR-HEADER;BOX,5P,1R,2.5MM,STRAIGHT,SN | |
| CN701 | 3711-002647 | CONNECTOR-HEADER;BOX,8P,1R,2.5mm,STRAIGHT,SN | |
| CN802 | AA27-20004G | COIL-DEGAUSSING;-,25.16.9ohm,35T,L2600,E | |
| CN901A | 3711-002643 | CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGHT,SN | |
| CT01 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| CT02 | 2401-000242 | C-AL;100UF,20%,10V,GP,TP,6X11,5MM | |
| CT03 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| CT04 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| CT05 | 2202-000164 | C-CERAMIC,MLC-AXIAL;180PF,10%,,50V,Y5P,3.5X19,-,TP | |
| CT06 | 2401-002144 | C-AL;47uF,20%,,16V,GP,TP,5x11,5 | |
| CT08 | 2401-001914 | C-AL;1uF,20%,50V,BP,TP,5x11,5 | |
| CT09 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| CW901 | 2503-000156 | C-NETWORK;100pFx4.20%,,50V | |
| D201 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D202 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D203 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D204 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D205 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D209 | 0402-000216 | DIODE-RECTIFIER;ERC24-06,600V,1.0A,DO-204 | |
| D210 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D217 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D301 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,TP | |
| D302 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D303 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D304 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D401 | 0402-000493 | DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L,TP | |
| D402 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP | |
| D403 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP | |
| D404 | 0402-001012 | DIODE-RECTIFIER;FMP-3FU,1500V,5A,TO-3PF | |
| D406 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,TP | |
| D407 | 0402-000216 | DIODE-RECTIFIER;ERC24-06,600V,1.0A,DO-204 | |
| D410 | 0402-000493 | DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L,TP | |
| D507 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,TP | |
| D508 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,TP | |
| D509 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,TP | |
| D520 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP | |
| D601 | 0403-000296 | DIODE-ZENER;MTZ5.6B,5.6V,5.45-5.73V,500mW, | |
| D602 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D801 | 0402-000213 | DIODE-RECTIFIER;ERB12-06,600V,1.0A,DO-41,TP | |
| D802 | 0402-001160 | DIODE-BRIDGE;D5SB60,600V,2.8A,SIP-4,ST | |
| D803 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,TP | |
| D804 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D805 | 0402-000231 | DIODE-RECTIFIER;FMG-G26S,600V,4A,TO-220F,ST | |
| D806 | 0402-000493 | DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L,TP | |
| D807 | 0402-000233 | DIODE-RECTIFIER;FML-G12S,200V,5A,-,- | |
| D808 | 0402-000132 | DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP | |
| D809 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D810 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D813 | 0402-000493 | DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L,TP | |
| D901 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| D906 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| DE01 | 0402-000546 | DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,TP | |
| DT01 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |

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|---|---|---|---|
| DT02 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| DT04 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| DV801 | 1405-000187 | VARISTOR;750V,1250A,12.5x7mm,TP | |
| DV802 | 1405-000187 | VARISTOR;750V,1250A,12.5x7mm,TP | |
| DZ201 | 0403-000297 | DIODE-ZENER;MTZ6.2B,6.2V,5.96-6.27V,500mW, | |
| DZ202 | 0403-000297 | DIODE-ZENER;MTZ6.2B,6.2V,5.96-6.27V,500mW, | |
| DZ203 | 0403-000298 | DIODE-ZENER;MTZ6.8C,6.8V,6.66-7.01V,500mW, | |
| DZ204 | 0403-000662 | DIODE-ZENER;MTZ3.0B,3.0V,3.01-3.22V,500mW, | |
| DZ205 | 0403-000551 | DIODE-ZENER;MTZ3.9B,3.9V,3.89-4.16V,500mW, | |
| DZ206 | 0403-000294 | DIODE-ZENER;MTZ4.7B,4.7V,4.55-4.80V,500mW, | |
| DZ210 | 0403-000659 | DIODE-ZENER;MTZ2.0A,2V,1.88-2.10V,500mW,DO | |
| DZ302 | 0403-000545 | DIODE-ZENER;MTZ24B,24V,22.61-23.77V,500mW, | |
| DZ303 | 0403-000545 | DIODE-ZENER;MTZ24B,24V,22.61-23.77V,500mW, | |
| DZ304 | 0403-000545 | DIODE-ZENER;MTZ24B,24V,22.61-23.77V,500mW, | |
| DZ305 | 0403-000494 | DIODE-ZENER;MTZ39,39V,35.36-37.2V,500mW,DO | |
| DZ306 | 0403-000700 | DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,TP | |
| DZ402 | 0403-000300 | DIODE-ZENER;MTZ8.2B,8.2V,7.78-8.19V,500mW, | |
| DZ403 | 0403-000698 | DIODE-ZENER;TZP12A,12V,11.4-12.6V,1W,DO-41 | |
| DZ505 | 0403-000563 | DIODE-ZENER;MTZ9.1B,9.1V,8.57-9.01V,500mW, | |
| DZ601 | 0403-000545 | DIODE-ZENER;MTZ24B,24V,22.61-23.77V,500mW, | |
| DZ602 | 0403-000545 | DIODE-ZENER;MTZ24B,24V,22.61-23.77V,500mW, | |
| DZ603 | 0403-000545 | DIODE-ZENER;MTZ24B,24V,22.61-23.77V,500mW, | |
| DZ604 | 0403-000545 | DIODE-ZENER;MTZ24B,24V,22.61-23.77V,500mW, | |
| DZ701 | 0403-000563 | DIODE-ZENER;MTZ9.1B,9.1V,8.57-9.01V,500mW, | |
| DZ702 | 0403-000563 | DIODE-ZENER;MTZ9.1B,9.1V,8.57-9.01V,500mW, | |
| DZ703 | 0403-000563 | DIODE-ZENER;MTZ9.1B,9.1V,8.57-9.01V,500mW, | |
| DZ704 | 0403-000563 | DIODE-ZENER;MTZ9.1B,9.1V,8.57-9.01V,500mW, | |
| DZ705 | 0403-000563 | DIODE-ZENER;MTZ9.1B,9.1V,8.57-9.01V,500mW, | |
| DZ801 | 0403-000300 | DIODE-ZENER;MTZ8.2B,8.2V,7.78-8.19V,500mW, | |
| DZ802 | 0403-000296 | DIODE-ZENER;MTZ5.6B,5.6V,5.45-5.73V,500mW, | |
| DZ803 | 0403-000296 | DIODE-ZENER;MTZ5.6B,5.6V,5.45-5.73V,500mW, | |
| DZ804 | 0403-000296 | DIODE-ZENER;MTZ5.6B,5.6V,5.45-5.73V,500mW, | |
| DZ805 | 1203-001217 | IC-POSI.ADJUST REG.;431,TO-92,3P,4.58MIL,PLASTIC,2 | |
| DZ807 | 0403-000296 | DIODE-ZENER;MTZ5.6B,5.6V,5.45-5.73V,500mW, | |
| DZ808 | 0403-000562 | DIODE-ZENER;MTZ7.5B,7.5V,7.07-7.45V,500mW, | |
| DZ901 | 1203-000451 | IC-VOLTAGE REGULATOR;33,TO-92,3P,-,PLASTIC,31/35V, | |
| DZ904 | 0403-000563 | DIODE-ZENER;MTZ9.1B,9.1V,8.57-9.01V,500mW, | |
| DZ905 | 0403-000296 | DIODE-ZENER;MTZ5.6B,5.6V,5.45-5.73V,500mW, | |
| DZ906 | 0403-000296 | DIODE-ZENER;MTZ5.6B,5.6V,5.45-5.73V,500mW, | |
| ⚠ F801 | 3601-000281 | FUSE-FERRULE;250V,4A,TIME LAG,GLASS,5x20mm | |
| F801A | 3602-000114 | FUSE-HOLDER;-,-,30MOHM | |
| F801B | 3602-000114 | FUSE-HOLDER;-,-,30MOHM | |
| ⚠ F802 | 3601-001086 | FUSE-FERRULE;125V,5A,FA,GLASS,2.4x7.5mm | |
| ⚠ F803 | 3601-001086 | FUSE-FERRULE;125V,5A,FA,GLASS,2.4x7.5mm | |
| GT804- | AA39-20010B | LEAD-CONNECTOR,ASSY;-,YFH800-01,S,1P,500,1617#22 | |
| ⚠ HC101 | AA13-20004W | IC-HYBRID;-,PAP103T,SIP,6P,PRE-AMP,TP | |
| ⚠ IC201 | 0904-001294 | IC-BUS CONTROLLER;8844,-,DIP,56P,600MIL,3.58MHz, | |
| ⚠ IC301 | 1204-000517 | IC-VERTIVAL DEF.;LA7845,SIP,7P,-,PLASTIC,40V,11 | |
| ⚠ IC501 | 1201-001330 | IC-VIDEO AMP;6108,ZSIP,9P,-,SINGLE,-,PLASTI | |
| ⚠ IC601 | 1201-001064 | IC-POWER AMP;7297,ZIP,15P,-,DUAL,32DB,PLAST | |
| ⚠ IC701 | 1204-000473 | IC-AUDIO PROCESSOR;TDA9859,DIP,32P,-,PLASTIC,-,-, | |
| ⚠ IC801 | 1203-001482 | IC-PWM CONTROLLER;3S1265R,TO-3P,5P,210,PLASTIC,6 | |
| ⚠ IC802 | 0604-001038 | PHOTO-COUPLER;TR,130-260%,200MW,DIP-4,ST | |
| ⚠ IC803 | 1203-001006 | IC-VOLTAGE REGULATOR;78R05,TO-220F,4P,-,PLASTIC,4. | |
| ⚠ IC804 | 1203-000644 | IC-POSI.FIXED REG.;7630,SIP,10P,-,PLASTIC,5.1/8V. | |
| ⚠ IC901 | AA13-30021M | IC-MCU;-,SAA5291PS-135,8bit,SDIP,CK29 | |
| ⚠ IC902 | 1103-000156 | IC-EEPROM;24C04,512X8BIT,DIP,8P,300MIL,1 | |
| ⚠ ICE01 | 1201-000191 | IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV | |
| JA701 | 3722-000195 | JACK-SCART;42P,-,SN,BLK,NO | |
| L101 | 2701-000326 | INDUCTOR-AXIAL;560nH,10%,2.3x3.4mm | |
| L102 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L103 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L202 | 2701-000197 | INDUCTOR-AXIAL;5.6UH,10%,2.5X3.4MM | |
| L205 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L206 | 2701-000142 | INDUCTOR-AXIAL;1UH,10%,2.5X3.4MM | |
| L207 | 2701-000142 | INDUCTOR-AXIAL;1UH,10%,2.5X3.4MM | |
| L208 | 2701-000142 | INDUCTOR-AXIAL;1UH,10%,2.5X3.4MM | |
| L303 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L401 | AA27-40003H | COIL-HORIZ,WIDTH;-,2MH,DR15X20,2UEW0.35,ST | |
| L402 | AA27-30003G | COIL-LINERITY;-,44uH,DR14x15,PI0.2x10,18x33, | |
| L403 | 2001-001037 | R-CARBON(S);0.39ohm,5%,1/2W,AA,TP,2.4x6.4m | |
| L403 | 2001-001153 | R-CARBON(S),47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| L404 | AA27-40003L | COIL-HORIZ,WIDTH;-,1.0MH,DR14X20,2UEW0.45,ST | |
| L601 | 3301-000287 | CORE-FERRITE BEAD;AA,3.5x1x6mm,1500,2400G | |
| L603 | 3301-000287 | CORE-FERRITE BEAD;AA,3.5x1x6mm,1500,2400G | |
| L701 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L702 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L703 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L704 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L705 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L706 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L707 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L708 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L709 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L801 | AA29-30001Q | FILTER-LINE;-,20MH,1.26A,-,BSF3050 | |
| L802 | 3301-000287 | CORE-FERRITE BEAD;AA,3.5x1x6mm,1500,2400G | |
| L803 | 3301-000287 | CORE-FERRITE BEAD;AA,3.5x1x6mm,1500,2400G | |
| L804 | 2901-000299 | FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,TP,- | |
| L805 | 2701-001032 | INDUCTOR-AXIAL;100UH,10%,5X14MM | |
| L806 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5X5,TP,- | |
| L807 | 3301-000287 | CORE-FERRITE BEAD;AA,3.5x1x6mm,1500,2400G | |
| L808 | 3301-000287 | CORE-FERRITE BEAD;AA,3.5x1x6mm,1500,2400G | |
| L901 | 2701-000189 | INDUCTOR-AXIAL;470NH,10%,2.5X3.4MM | |
| L903 | 2701-000197 | INDUCTOR-AXIAL;5.6UH,10%,2.5X3.4MM | |
| L904 | 2701-000211 | INDUCTOR-AXIAL;68uH,10%,2.5x3.4mm | |
| L905 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L906 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| L907 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| LD901 | AA96-30001B | ASSY-LED,GUIDE;-,AA61-50055A,DL-G5RGA,- | |
| LT01 | 2901-000299 | FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,TP,- | |
| LT02 | 2901-000299 | FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,TP,- | |
| Q201 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q202 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q204 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q207 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q210 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q301 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q302 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| ⚠ Q401 | 0502-000298 | TR-POWER;KSD73,NPN,30W,TO-220,-,120-240 | |
| ⚠ Q402 | 0502-001007 | TR-POWER;KSC2073-H2,NPN,25W,TO-220,ST,6 | |
| ⚠ Q403 | 0502-001136 | TR-POWER;KSD5703,NPN,70W,TO-3PF,ST,8- | |
| Q701 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q702 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q801 | 0501-000369 | TR-SMALL SIGNAL;KSC2331-Y,NPN,1W,TO-92L,-,120- | |
| Q901 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q902 | 0504-000123 | TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,TP | |
| Q903 | 0504-000123 | TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,TP | |
| Q904 | 0504-000123 | TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,TP | |
| Q905 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q907 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| Q908 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| QE01 | 0501-000283 | TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,TP,120- | |
| QT01 | 0501-000389 | TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,TP,120- | |
| QT02 | 0504-000125 | TR-DIGITAL;KSR1012,NPN,300mW,47K,TO-92,TP | |
| R201 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R202 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R203 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R204 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R212 | 2001-000005 | R-CARBON;3900HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R214 | 2001-000793 | R-CARBON;470HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R215 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R218 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R219 | 2001-000515 | R-CARBON;2200HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R220 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R221 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R222 | 2701-000142 | INDUCTOR-AXIAL;1UH,10%,2.5X3.4MM | |
| R223 | 2001-000617 | R-CARBON;3.9Mohm,5%,1/8W,AA,TP,1.8x3.2m | |
| R224 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R225 | 2001-001026 | R-CARBON,910ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R226 | 2001-000793 | R-CARBON;470HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R230 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R233 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R234 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R235 | 2001-000780 | R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R237 | 2001-000007 | R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R238 | 2001-001110 | R-CARBON(S);240Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| R239 | 2001-000008 | R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R240 | 2001-001125 | R-CARBON(S);300Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| R241 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R242 | 2001-000739 | R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R243 | 2001-000232 | R-CARBON;1.3KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R245 | 2001-000739 | R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R246 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R247 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| R248 | 2001-000793 | R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R249 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R250 | 2001-000938 | R-CARBON;68ohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R251 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R252 | 2001-000563 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R253 | 2001-000591 | R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R255 | 2001-000008 | R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R256 | 2004-001234 | R-METAL;75KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R257 | 2001-000563 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R258 | 2004-001914 | R-METAL;39KOHM,2%,1/8W,AA,TP,1.8X3.5MM | |
| R259 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R260 | 2001-001015 | R-CARBON;9.1Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| R261 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R262 | 2001-001015 | R-CARBON;9.1Kohm,5%,1/8W,AA,TP,1.8x3.2m | |
| R301 | 2001-001049 | R-CARBON(S);1.3Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| R302 | 2001-001049 | R-CARBON(S);1.3Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| R303 | 2001-000016 | R-CARBON(S);10HM,5%,1/2W,AA,TP,2.4x6.4MM | |
| R304 | 2008-000254 | R-FUSIBLE(S);0.68ohm,5%,2W,AF,TP,3.9x10mm | |
| R305 | 2003-002069 | R-METAL OXIDE;470ohm,5%,2W,AF,TP,3.9x10mm | |
| R306 | 2003-002069 | R-METAL OXIDE;470ohm,5%,2W,AF,TP,3.9x10mm | |
| R308 | 2003-002069 | R-METAL OXIDE;470ohm,5%,2W,AF,TP,3.9x10mm | |
| R309 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R310 | 2001-000066 | R-CARBON(S);10Kohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R311 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R312 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R313 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R314 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R315 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R316 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R317 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R404 | 2008-000254 | R-FUSIBLE(S);0.68ohm,5%,2W,AF,TP,3.9x10mm | |
| R405 | 2001-001138 | R-CARBON(S);390ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R406 | 2003-002008 | R-METAL OXIDE(S);18Kohm,5%,2W,AF,TP,3.9x10mm | |
| R407 | 2003-001025 | R-METAL OXIDE(S);15Kohm,5%,2W,AF,TP,3.9x10mm | |
| R409 | 2008-000264 | R-FUSIBLE(S);10HM,5%,1W,AF,TP,3.9X10MM | |
| R410 | 2001-001114 | R-CARBON(S);270ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R411 | 2001-001199 | R-CARBON(S);91ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R412 | 2001-000020 | R-CARBON(S);22ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R413 | 2008-000251 | R-FUSIBLE(S);0.27ohm,10%,2W,AF,TP,3.9x10mm | |
| R414 | 2008-000278 | R-FUSIBLE(S);82ohm,5%,2W,AA,TP,3.9x10mm | |
| R415 | 2008-001011 | R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP,3.9x10mm | |
| R417 | 2004-004086 | R-METAL;56Kohm,1%,1/2W,AA,TP,2.5x6.5mm | |
| R418 | 2004-001967 | R-METAL(S);68KOHM,1%,1/2W,AA,TP,6.5X2.5MM | |
| R419 | 2004-001390 | R-METAL(S);1KOHM,2%,1/2W,AA,TP,2.4X6.4MM | |
| R420 | 2001-001114 | R-CARBON(S);270ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R421 | 2001-001043 | R-CARBON(S);00HM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R422 | 2008-000254 | R-FUSIBLE(S);0.68ohm,5%,2W,AF,TP,3.9x10mm | |
| R424 | 2001-001043 | R-CARBON(S);00HM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R425 | 2001-001043 | R-CARBON(S);00HM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R426 | 2002-001012 | R-COMPOSITION;8.2Mohm,10%,1/2W,AA,TP,3.7x9mm | |
| R427 | 2002-001012 | R-COMPOSITION;8.2Mohm,10%,1/2W,AA,TP,3.7x9mm | |
| R428 | 2001-001043 | R-CARBON(S);00HM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R429 | 2001-001043 | R-CARBON(S);00HM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R430 | 2001-001043 | R-CARBON(S);00HM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R501 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R502 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R503 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R504 | 2008-000256 | R-FUSIBLE(S);1.5OHM,5%,2W,AA,TP,3.9X10MM | |
| R505 | 2008-000296 | R-FUSIBLE(S);4.7ohm,5%,2W,AA,TP,3.9x10mm | |
| R506 | 2008-000299 | R-FUSIBLE(S);47ohm,5%,2W,AF,TP,3.9x10mm | |
| R507 | 2001-000490 | R-CARBON;200OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R508 | 2001-000490 | R-CARBON;200OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R509 | 2001-000490 | R-CARBON;200OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R510 | 2002-001009 | R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP,3.7X9.0 | |
| R517 | 2002-001009 | R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP,3.7X9.0 | |
| R518 | 2002-001009 | R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP,3.7X9.0 | |
| R519 | 2002-001009 | R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP,3.7X9.0 | |
| R520 | 2001-001062 | R-CARBON(S);10Mohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R601 | 2008-001002 | R-FUSIBLE(S);0.18ohm,5%,2W,AA,TP,3.9x10mm | |
| R602 | 2008-001002 | R-FUSIBLE(S);0.18ohm,5%,2W,AA,TP,3.9x10mm | |
| R603 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R604 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R605 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R606 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R607 | 2001-000331 | R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R701 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R702 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R703 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R704 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R705 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R706 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R707 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R708 | 2001-000515 | R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R709 | 2001-000969 | R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R712 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R713 | 2001-000969 | R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R714 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R715 | 2001-000969 | R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R716 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R717 | 2001-000539 | R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R718 | 2001-000969 | R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R719 | 2001-000527 | R-CARBON;22OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R720 | 2001-000387 | R-CARBON;16Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R721 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R722 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R723 | 2001-000387 | R-CARBON;16Kohm,5%,1/8W,AA,TP,1.8x3.2mm | |
| R724 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R725 | 2001-000969 | R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R728 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R729 | 2001-000281 | R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R732 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R733 | 2001-000969 | R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R734 | 2001-000969 | R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R735 | 2001-000969 | R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R736 | 2001-000660 | R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R740 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| R741 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| R801 | 2002-001011 | R-COMPOSITION;3.3Mohm,10%,1/2W,AA,TP,3.7x9mm | |
| R802 | 2003-000994 | R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x10mm | |
| R803 | 2003-000994 | R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x10mm | |
| R804 | 2001-001150 | R-CARBON(S);470Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| R805 | 2001-001150 | R-CARBON(S);470Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| R806 | 2003-000458 | R-METAL OXIDE(S);100ohm,5%,2W,AF,TP,4x12mm | |
| R807 | 2001-001178 | R-CARBON(S);680ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R808 | 2002-001011 | R-COMPOSITION;3.3Mohm,10%,1/2W,AA,TP,3.7x9mm | |
| R809 | 2002-001013 | R-COMPOSITION;4.7Mohm,10%,1/2W,AA,TP,3.7x9mm | |
| R810 | 2003-000487 | R-METAL OXIDE(S);12Kohm,5%,2W,AA,TP,4x12mm | |
| R811 | 2003-000510 | R-METAL OXIDE(S);15Kohm,5%,2W,AA,TP,4x12mm | |
| R812 | 2008-000251 | R-FUSIBLE(S);0.27ohm,10%,2W,AF,TP,3.9x10mm | |
| R813 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R814 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R815 | 2004-004364 | R-METAL(S);152Kohm,1%,1/2W,AA,TP,2.4x6.4m | |
| R816 | 2004-001983 | R-METAL;2.49KOHM,1%,1/2W,AA,TP,2.4X6.4 | |
| R817 | 2001-001153 | R-CARBON(S);47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R818 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R819 | 2001-000066 | R-CARBON(S);10Kohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R820 | 2008-001047 | R-FUSIBLE(S);680HM,5%,2W,AF,TP,3.9X10MM | |
| R821 | 2008-000271 | R-FUSIBLE(S);3.3OHM,5%,2W,AA,TP,3.9X10MM | |
| R822 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R823 | 2008-000264 | R-FUSIBLE(S);10HM,5%,1W,AF,TP,3.9X10MM | |
| R824 | 2001-001125 | R-CARBON(S);300Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| R826 | 2001-001153 | R-CARBON(S);47OHM,5%,1/2W,AA,TP,2.4X6.4MM | |
| R828 | 2001-000022 | R-CARBON(S);33ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R901 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R902 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R903 | 2001-000066 | R-CARBON(S);10Kohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R904 | 2004-000218 | R-METAL;10KOHM,1%,1/8W,AA,TP,1.8X3.2MM | |
| R905 | 2004-000218 | R-METAL;10KOHM,1%,1/8W,AA,TP,1.8X3.2MM | |
| R906 | 2004-000218 | R-METAL;10KOHM,1%,1/8W,AA,TP,1.8X3.2MM | |
| R908 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R909 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R910 | 2001-000924 | R-CARBON;6800HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R911 | 2001-000214 | R-CARBON;1.1KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R912 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R913 | 2001-000241 | R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R914 | 2001-000472 | R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R918 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R919 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R920 | 2001-000273 | R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R921 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R922 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R923 | 2001-000290 | R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R924 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R925 | 2001-000924 | R-CARBON;6800HM,5%,1/8W,AA,TP,1.8X3.2MM | |

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| R926 | 2001-000924 | R-CARBON;6800HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R927 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| R928 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| R929 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| R930 | 2001-000628 | R-CARBON;300OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R931 | 2001-001114 | R-CARBON(S);270ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R932 | 2001-000780 | R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R933 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R934 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R935 | 2001-000780 | R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R936 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R937 | 2001-001062 | R-CARBON(S);10Mohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| R939 | 2001-000006 | R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R941 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R942 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R943 | 2001-000793 | R-CARBON;470HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R945 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R948 | 2001-000449 | R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R951 | 2001-000449 | R-CARBON,2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| R953 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R954 | 2001-000281 | R-CARBON;1000HM,5%,1/8W,AA,TP,1.8X3.2MM | |
| R955 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RE01 | 2004-001390 | R-METAL(S);1KOHM,2%,1/2W,AA,TP,2.4X6.4MM | |
| RE02 | 2004-001914 | R-METAL;39KOHM,2%,1/8W,AA,TP,1.8X3.5MM | |
| RE03 | 2001-000066 | R-CARBON(S);10Kohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| RE04 | 2001-001142 | R-CARBON(S);3Kohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| RE05 | 2001-000052 | R-CARBON(S);3.3Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| RE06 | 2004-001390 | R-METAL(S);1KOHM,2%,1/2W,AA,TP,2.4X6.4MM | |
| RE07 | 2003-002069 | R-METAL OXIDE;470ohm,5%,2W,AF,TP,3.9x10mm | |
| RE08 | 2001-001120 | R-CARBON(S);3.3ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| RE09 | 2001-001125 | R-CARBON(S);300Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| RE10 | 2001-001125 | R-CARBON(S);300Kohm,5%,1/2W,AA,TP,2.4x6.4m | |
| RL801 | 3501-001040 | RELAY-POWER;12VDC,500mW,10A,1FormA,15mS,5m | |
| RM901 | AA59-60001U | MODULE-REMOCON;-,ORC-50VF/SR-12V,38KHz,940nm, | |
| RP802 | 1404-001045 | THERMISTOR-NTC;4.7OHM,15%,2900K,35.0MW,T | |
| RP803 | 1404-001087 | THERMISTOR-PTC;7ohm,30%,220V,270V,19A,-,ST | |
| RT01 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| RT02 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| RT03 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RT04 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RT05 | 2001-000780 | R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RT06 | 2001-000563 | R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RT07 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RT08 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| RT13 | 2001-000005 | R-CARBON;390OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RT14 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RT18 | 2001-000786 | R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RT19 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| RT20 | 2001-000734 | R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M | |
| RW901 | 2011-000157 | R-NETWORK;10K,5%,1/8W,A,SIP,6P,TP | |
| SF101 | 2904-000302 | FILTER-SAW AV;38.90MHz,-,ST,13.9dB,PAL-B/G,- | |
| SW801 | 3403-001020 | SWITCH-PUSH;250V,5A,DPST,OFF-ON-OFF | |
| SW901 | 3404-000244 | SWITCH-TACT;12V,50mA,100-160gf,8.4x22.6mm, | |
| SW902 | 3404-000244 | SWITCH-TACT;12V,50mA,100-160gf,8.4x22.6mm, | |
| SW903 | 3404-000244 | SWITCH-TACT;12V,50mA,100-160gf,8.4x22.6mm, | |
| SW904 | 3404-000244 | SWITCH-TACT;12V,50mA,100-160gf,8.4x22.6mm, | |
| SW905 | 3404-000244 | SWITCH-TACT;12V,50mA,100-160gf,8.4x22.6mm, | |
| ⚠ T401 | AA26-50001R | TRANS-HORIZ DRIVE;-,80MH,580UH,4UH,G11A EI19,ST | |
| ⚠ T444 | AA26-30005U | TRANS-FLYBACK;-,FUH-29A003,29,155V | |
| ⚠ T801 | AA26-20007X | TRANS-SWITCHING;-,90-260,155/15.5/12/8V,VDE,SE | |
| ⚠ TU101 | AA40-10006P | TUNER-V/S;TECC0949VG28B(S),PAL-B/G,TR,18 | |
| ⚠ V999 | 3704-001105 | SOCKET-CRT;11P,20PI,26.5PI,NI,- | |
| X202 | 2801-000274 | CRYSTAL-UNIT;4.433619MHZ,30PPM,28-AAM,20PF, | |
| X203 | 2801-000226 | CRYSTAL-UNIT;3.579545MHz,20ppm,28-AAM,15pF, | |
| XT01 | 2801-003433 | CRYSTAL-UNIT;12MHz,30ppm,28-AAA,30pF,30ohm, | |
| Z208 | 2903-000181 | FILTER-CERAMIC;TR,5.5MHz,-,-,-,TP,TPS5.5MB-TF | |

## ASSY-R/G/B,SWITCHING

| | | | |
|---|---|---|---|
| * | HA95-90009S | ASSY-R/G/B,SWITCHING;-,-,S51A,PHILIPS MICOM ALL,-, | |
| CN901A | 3711-002643 | CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGHT,SN | |
| CNS01 | 3711-002702 | CONNECTOR-HEADER;NOWALL,4P,1R,2.5mm,ANGLE,SN | |
| CNS02 | 3711-002703 | CONNECTOR-HEADER;NOWALL,5P,1R,2.5mm,ANGLE,SN | |
| CNS03 | AA39-20052F | LEAD CONNECTOR-ASSY;-,YBNH025-04,YSH025-4,4P,200m | |
| CNS03 | 3711-002643 | CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGHT,SN | |

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| CS01 | 2401-002619 | C-AL;47uF,20%,25V,GP,TP,5x11.5 | |
| CS02 | 2305-000665 | C-FILM,MPEF;100NF,5%,63V,TP,7.5X4.0X5.0MM, | |
| CS03 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| CS04 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| CS05 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| CS06 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| CS07 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| CS08 | 2202-002037 | C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V,TP,2.2x3. | |
| DS01 | 0401-000005 | DIODE-SWITCHING;1N4148,75V,300MA,DO-35,TP | |
| H001 | AA61-10068A | BRACKET-PCB;-,M2160,SPTE,T0.3,-,-,- | |
| ICS01 | 1001-000223 | IC-VIDEO SWITCH;TEA5114A,-,DIP,16P,334MIL,SING | |
| JS01 | 3812-000219 | WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING),1/0.6mm | |
| PCB | AA41-11049A | PCB-RGB,S/W;S51A,1L,FR-1,245x245x1.6T,A20, | |
| RS01 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS04 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS06 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS07 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS08 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS09 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS10 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS11 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS12 | 2001-000429 | R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS13 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS14 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS15 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS16 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS17 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |
| RS18 | 2001-000003 | R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM | |

## ASSY-SOUND

| | | | |
|---|---|---|---|
| * | AA95-40011V | ASSY-SOUND;-,-,S51A,NICAM,-,- | |
| CN01 | 2203-000260 | C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012, | |
| CN02 | 2203-000260 | C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012, | |
| CN03 | 2203-000891 | C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,2012 | |
| CN04 | 2203-002392 | C-CERAMIC,CHIP;220nF,+80-20%,50V,Y5V,TP, | |
| CN05 | 2401-000620 | C-AL;2.2uF,10%,50V,GP,TP,5x11.5 | |
| CN06 | 2401-000914 | C-AL;22uF,20%,16V,GP,TP,5x11.5 | |
| CN07 | 2401-000620 | C-AL;2.2uF,10%,50V,GP,TP,5x11.5 | |
| CN08 | 2203-001002 | C-CERAMIC,CHIP;47pF,5%,50V,NPO,TP,2012,- | |
| CN09 | 2203-000260 | C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012, | |
| CN10 | 2203-000260 | C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012, | |
| CN11 | 2203-000192 | C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP, | |
| CN12 | 2203-000495 | C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012 | |
| CN13 | 2203-000495 | C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012 | |
| CN14 | 2401-000620 | C-AL;2.2uF,10%,50V,GP,TP,5x11.5 | |
| CN15 | 2401-000620 | C-AL;2.2uF,10%,50V,GP,TP,5x11,5 | |
| CN16 | 2401-000620 | C-AL;2.2uF,10%,50V,GP,TP,5x11,5 | |
| CN17 | 2401-000620 | C-AL;2.2uF,10%,50V,GP,TP,5x11,5 | |
| CN18 | 2203-000925 | C-CERAMIC,CHIP;470nF,+80-20%,50V,Y5V,TP, | |
| CN19 | 2203-000925 | C-CERAMIC,CHIP;470nF,+80-20%,50V,Y5V,TP, | |
| CN20 | 2203-000925 | C-CERAMIC,CHIP;470nF,+80-20%,50V,Y5V,TP, | |
| CN21 | 2203-000802 | C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012, | |
| CN22 | 2203-002442 | C-CERAMIC,CHIP;330nF,+80-20%,25V,Y5V,TP, | |
| CN23 | 2203-000389 | C-CERAMIC,CHIP;15pF,5%,50V,NPO,TP,2012,- | |
| CN24 | 2203-000818 | C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,- | |
| CN25 | 2203-000925 | C-CERAMIC,CHIP;470nF,+80-20%,50V,Y5V,TP, | |
| CN26 | 2203-000192 | C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP, | |
| CN27 | 2401-000603 | C-AL;1uF,20%,50V,GP,TP,5x11,5 | |
| CN28 | 2203-000925 | C-CERAMIC,CHIP;470nF,+80-20%,50V,Y5V,TP, | |
| CN29 | 2203-000925 | C-CERAMIC,CHIP;470nF,+80-20%,50V,Y5V,TP, | |
| CN30 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11.5 | |
| CN31 | 2203-000925 | C-CERAMIC,CHIP;470nF,+80-20%,50V,Y5V,TP, | |
| CN32 | 2401-002144 | C-AL;47uF,20%,16V,GP,TP,5x11.5 | |
| CN33 | 2007-000029 | R-CHIP;00HM,5%,1/10W,DA,TP,2012 | |
| CNN01 | 3711-002704 | CONNECTOR-HEADER;NOWALL,6P,1R,2.5mm,ANGL | |
| CNN02 | 3711-002705 | CONNECTOR-HEADER;NOWALL,7P,1R,2.5mm,ANGL | |
| DN01 | 0401-000160 | DIODE-SWITCHING;ISS314,30V,100mA,USC,TP | |
| DN02 | 0401-000160 | DIODE-SWITCHING;ISS314,30V,100mA,USC,TP | |
| DN03 | 0405-000108 | DIODE-VARACTOR;BB405B,28V,10nA,D | |
| ICN01 | 1204-001047 | IC-FM CIRCUIT;TDA9808,DIP,20P,-,PLASTIC, | |
| ICN02 | 1209-001113 | IC-ETC, LINEAR;TDA9874H,QFP,44P,-,PLASTI | |
| JN01 | 2007-000029 | R-CHIP;00HM,5%,1/10W,DA,TP,2012 | |
| LN01 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| LN02 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |

| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|
| LN03 | 2701-000168 | INDUCTOR-AXIAL;3.3uH,5%,2.5x3.4mm | |
| LN04 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| LN05 | 2901-000297 | FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,- | |
| LN06 | 2701-000202 | INDUCTOR-AXIAL,560nH,10%,2.5x3.4mm | |
| QN01 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT- | |
| QN02 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT- | |
| QN03 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT- | |
| RN01 | 2007-000941 | R-CHIP;47KOHM,5%,1/10W,DA,TP,2012 | |
| RN02 | 2007-001071 | R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012 | |
| RN03 | 2007-000282 | R-CHIP;100KOHM,5%,1/10W,DA,TP,2012 | |
| RN04 | 2007-001071 | R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012 | |
| RN05 | 2007-000941 | R-CHIP;47KOHM,5%,1/10W,DA,TP,2012 | |
| RN06 | 2007-001071 | R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012 | |
| RN07 | 2007-000981 | R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012 | |
| RN08 | 2007-000030 | R-CHIP;560OHM,5%,1/10W,DA,TP,2012 | |
| RN09 | 2007-000030 | R-CHIP;560OHM,5%,1/10W,DA,TP,2012 | |
| RN10 | 2007-000586 | R-CHIP;22KOHM,5%,1/10W,DA,TP,2012 | |
| RN11 | 2007-000586 | R-CHIP;22KOHM,5%,1/10W,DA,TP,2012 | |
| RN12 | 2007-000308 | R-CHIP;10OHM,5%,1/10W,DA,TP,2012 | |
| RN13 | 2007-000308 | R-CHIP;10OHM,5%,1/10W,DA,TP,2012 | |
| RN14 | 2007-000881 | R-CHIP;4.7ohm,5%,1/10W,DA,TP,2012 | |
| RN15 | 2007-000830 | R-CHIP;39KOHM,5%,1/10W,DA,TP,2012 | |
| RN16 | 2007-000300 | R-CHIP;10KOHM,5%,1/10W,DA,TP,2012 | |
| RN17 | 2007-000830 | R-CHIP;39KOHM,5%,1/10W,DA,TP,2012 | |
| RN18 | 2007-001177 | R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012 | |
| RN19 | 2007-000308 | R-CHIP;10OHM,5%,1/10W,DA,TP,2012 | |
| RN20 | 2007-000308 | R-CHIP;10OHM,5%,1/10W,DA,TP,2012 | |
| RN21 | 2007-000290 | R-CHIP;100OHM,5%,1/10W,DA,TP,2012 | |
| RN22 | 2007-000290 | R-CHIP;100OHM,5%,1/10W,DA,TP,2012 | |
| RN23 | 2007-000881 | R-CHIP;4.7ohm,5%,1/10W,DA,TP,2012 | |
| RN26 | 2007-000308 | R-CHIP;10OHM,5%,1/10W,DA,TP,2012 | |
| SFN01 | 2904-001010 | FILTER-SAW AV;32.9~33.4MHz,SIP5P,ST,14.4 | |
| SFN02 | 2904-001054 | FILTER-SAW AV;38.9MHz,SIP5P,-,13.9dB,NTS | |
| TN01 | AA26-10004E | TRANS-IF;-,7MG,VIF,-,7mm,8pf,116.7MHz,S | |
| XN01 | 2801-003316 | CRYSTAL-UNIT;24.576MHZ,30PPM,28-AAM,20PF | |

## ASSY-PCB,A/V FRONT

| | | | |
|---|---|---|---|
| * | HA95-900009 | ASSY-PCB,A/V FRONT;SCT12A/12B | |
| CA02 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP,1.9x3.5,- | |
| CA03 | 2202-000121 | C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP,1.9x3.5,- | |
| CA04 | 2202-000720 | C-CERAMIC,MLC-AXIAL;8.2NF,20%,16V,Y5R,3.5X19,-,TP | |
| CA05 | 2202-000720 | C-CERAMIC,MLC-AXIAL;8.2NF,20%,16V,Y5R,3.5X19,-,TP | |
| CA06 | 2401-001840 | C-AL;100uF,20%,16V,GP,TP,6.3x11,5 | |
| CA07 | 2401-001840 | C-AL;100uF,20%,16V,GP,TP,6.3x11,5 | |
| CN01A | AA39-20068E | LEAD-CONNECTOR,ASSY;-,YBNH025-08,67096-0 | |
| CN05A | AA39-20069A | LEAD-CONNECTOR,ASSY;-,YBNH025-05,67096-0 | |
| CN06A | AA39-20499B | LEAD CONNECTOR-ASSY;-,YBNH025-04,SMP025-4.4P,200, | |
| JE01 | 3722-000143 | JACK-PHONE;1P(VER),3.4mm,AG,BLK,NO | |
| JR01 | 3722-001031 | JACK-RCA;3P,3.6MM,#18,AU | |
| LA02 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| LA03 | 2701-000114 | INDUCTOR-AXIAL;10UH,10%,2.5X3.4MM | |
| LA04 | 2701-000180 | INDUCTOR-AXIAL;33UH,5%,2.5X3.4MM | |
| LA05 | 2701-000180 | INDUCTOR-AXIAL;33UH,5%,2.5X3.4MM | |
| RA01 | 2001-000028 | R-CARBON(S);100ohm,5%,1/2W,AA,TP,2.4x6.4mm | |
| RA02 | 2001-000028 | R-CARBON(S);100ohm,5%,1/2W,AA,TP,2.4x6.4mm | |

## REMOCON

| | | | |
|---|---|---|---|
| * | AA59-10117A | REMOCON;DP,TM59,-,-,-,-,-,AA59-10116A, | |

## ASSY-POWER,CORD

| | | | |
|---|---|---|---|
| ⚠ P/CORD | AA96-20014D | ASSY-POWER,CORD;DP,KJP-140,H/C450MM,KLCE-2F,-, | |

## ASSY-SPEAKER

| | | | |
|---|---|---|---|
| | 3001-000150 | SPEAKER;20W,8ohm,91dB,130Hz | |
| | AA39-20452F | LEAD CONNECTOR-ASSY;-,YFH800-01,CLIP,1P,600MM,1617 | |

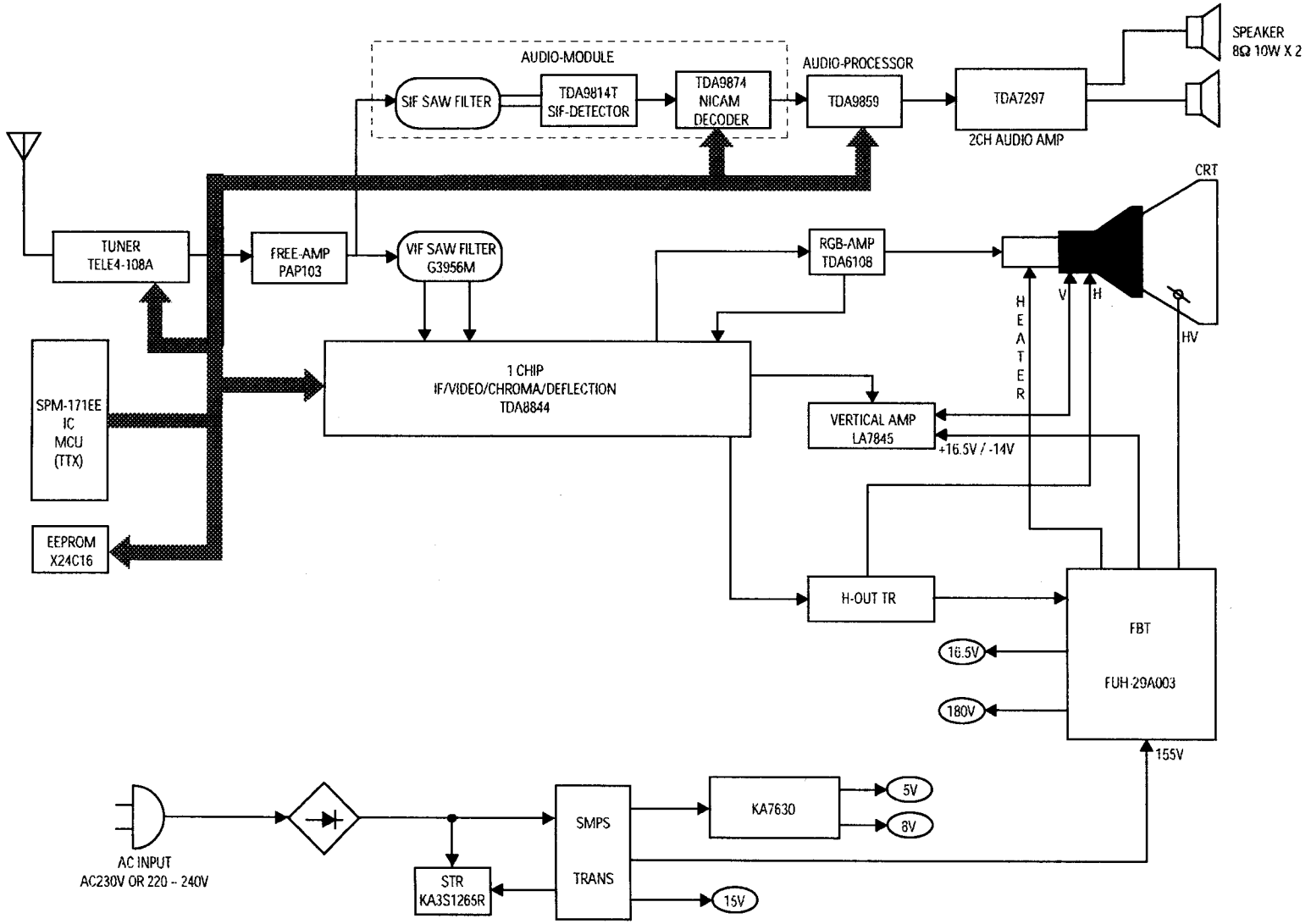
| Loc. No. | Code No. | Description ; Specification | Remark |
|---|---|---|---|

## ASSY-CRT

| | | | |
|---|---|---|---|
| ⚠ | AA03-10018X | CRT-COLOR;-,A59EAK071X01,+380mG,25,110D | |
| | AA39-20519A | LEAD CONNECTOR-ASSY;-,YFH806-06,-,6(4)P,500MM,1617 | |

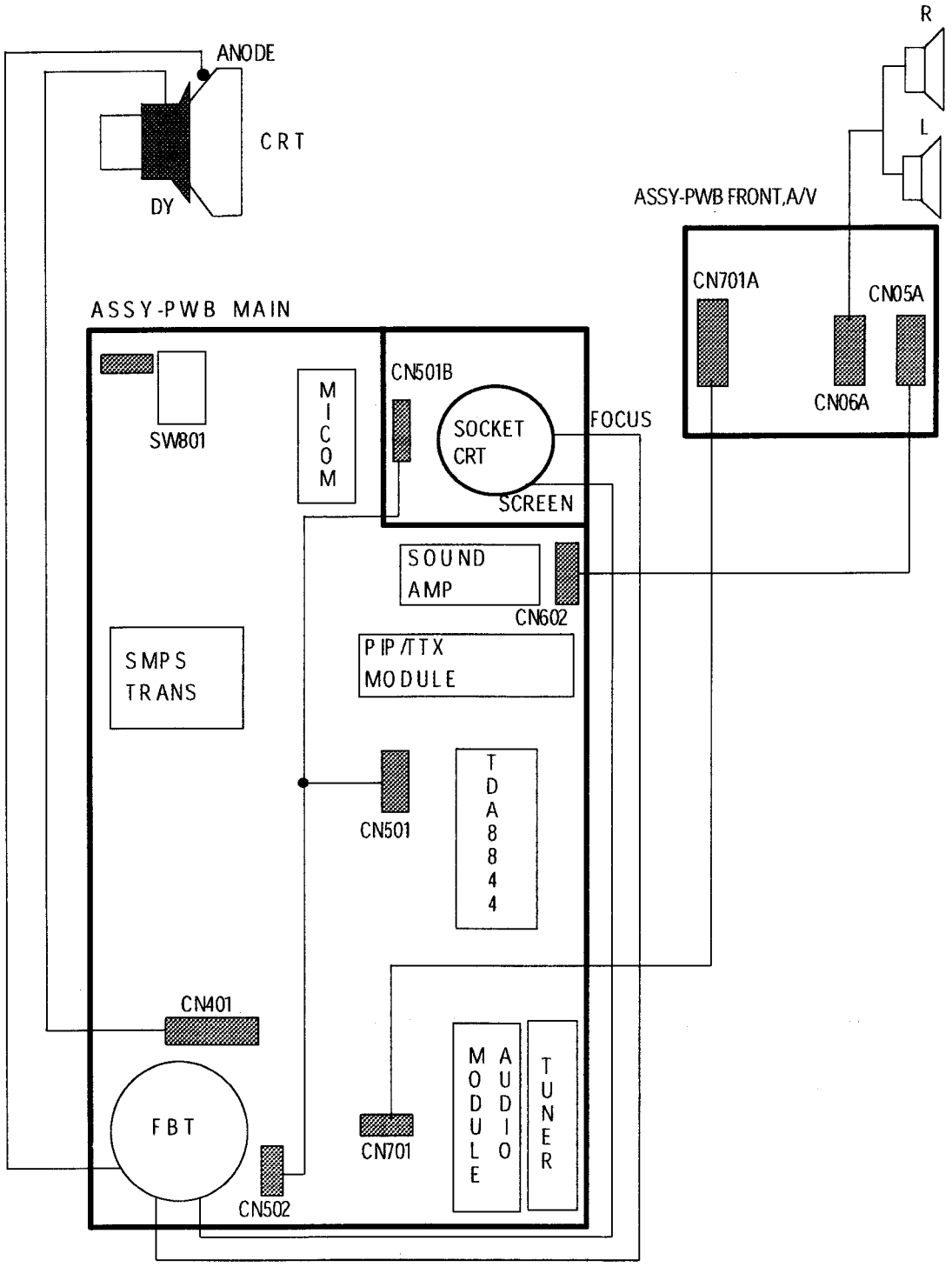
# 8. Block Diagram

## 8-1 S51A



# 10. Wiring Diagram

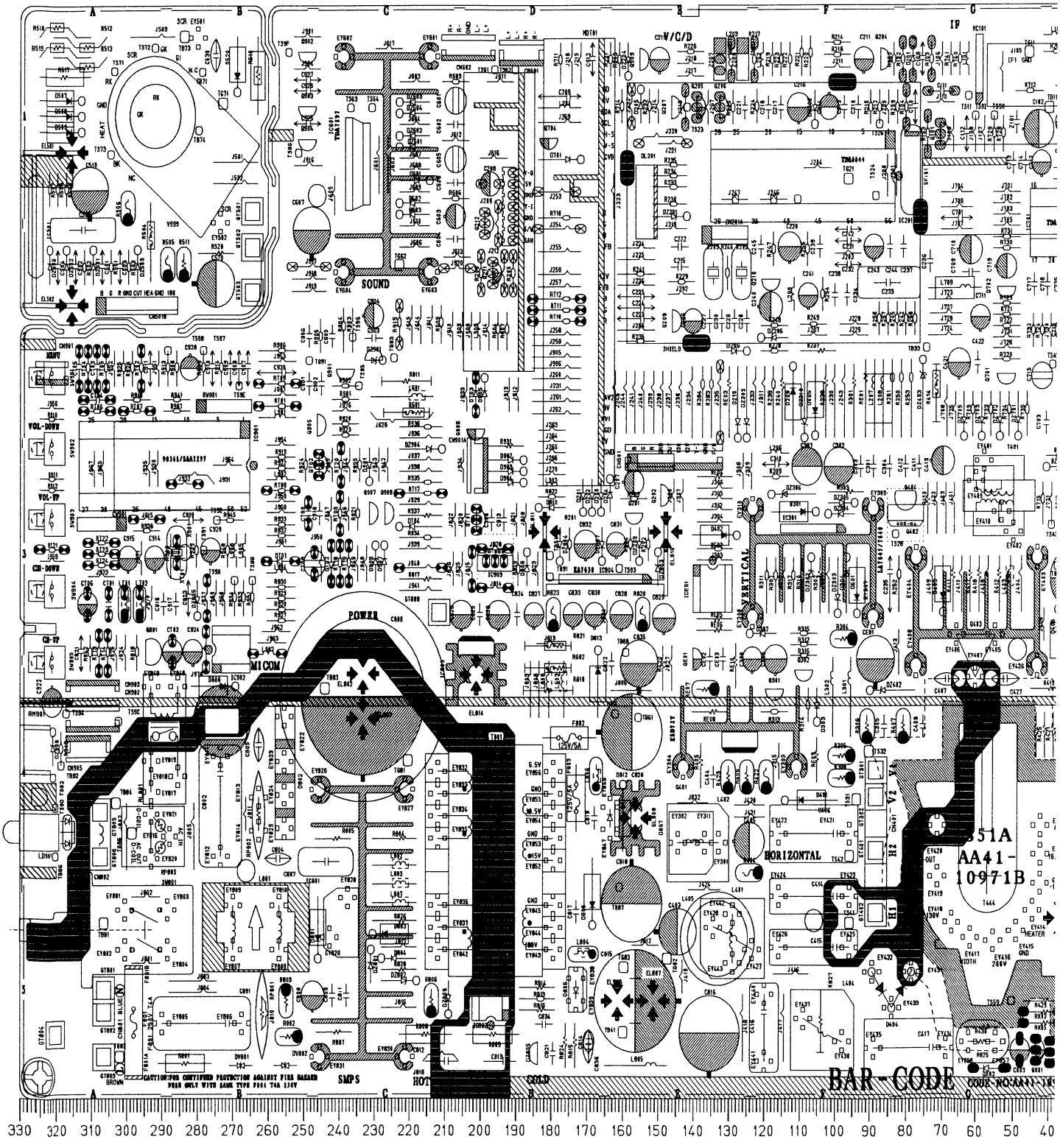
## 10-1 S51A

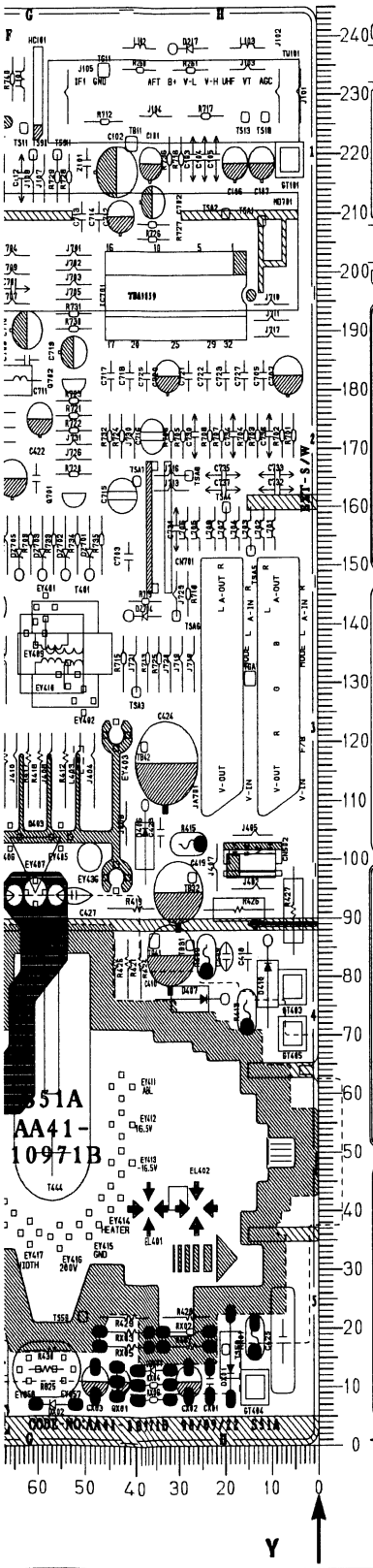


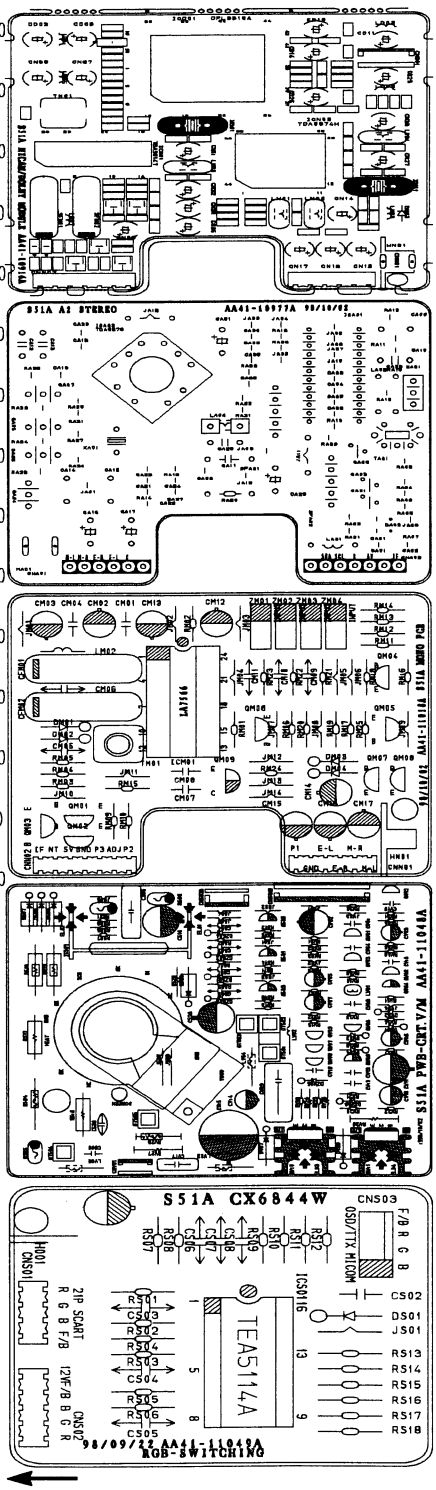
# MEMO

# 9. PCB Layout

## 9-1 PCB Main





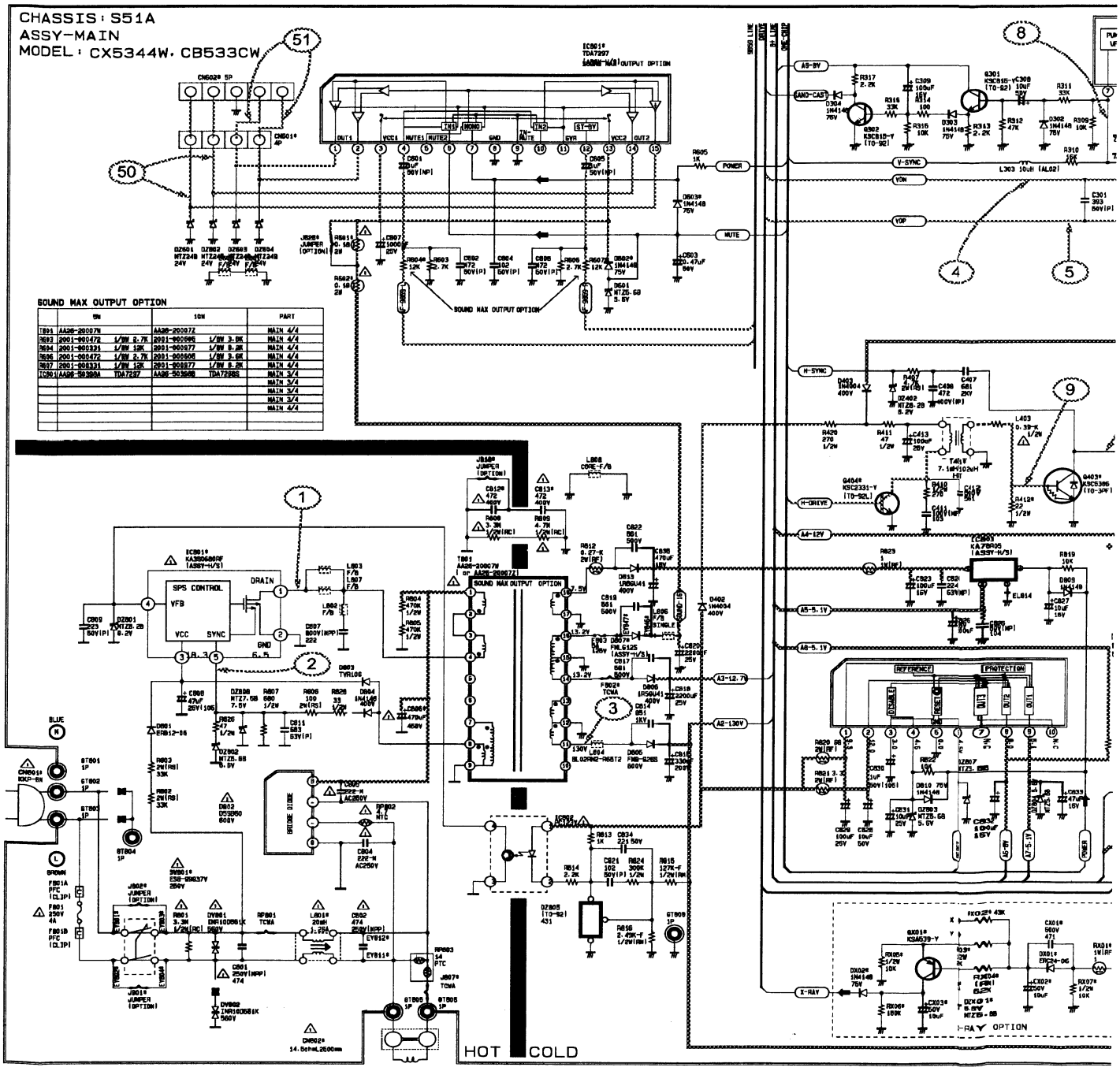



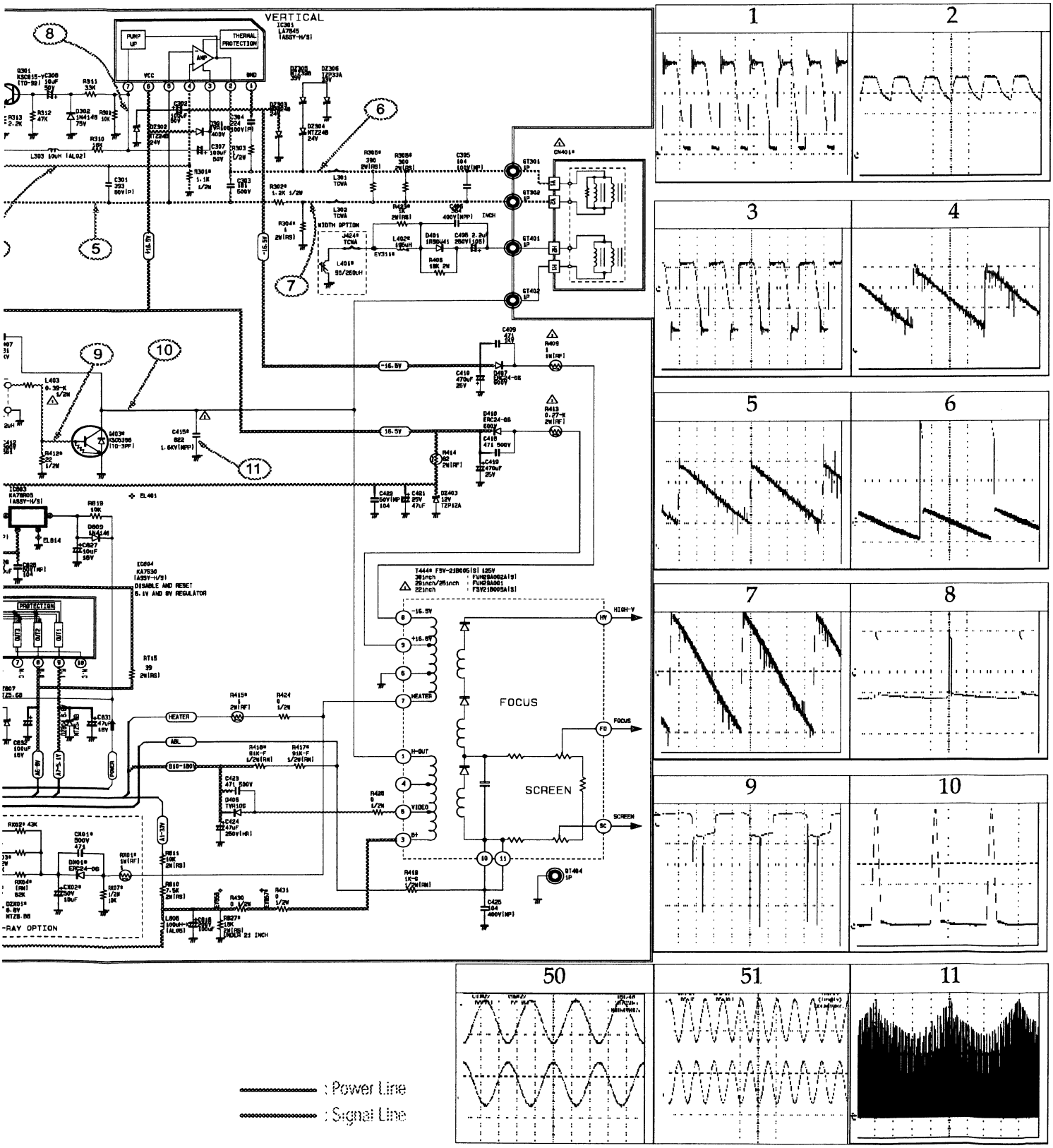

| Loc. No. | X | Y |
|---|---|---|
| **DIODE** | | |
| D101 | 78 | 236 |
| D201 | 171 | 131 |
| D202 | 168 | 131 |
| D203 | 166 | 131 |
| D204 | 163 | 139 |
| D205 | 155 | 226 |
| D206 | 125 | 167 |
| D209 | 112 | 164 |
| D210 | 127 | 148 |
| D217 | 30 | 238 |
| D301 | 105 | 131 |
| D302 | 124 | 104 |
| D303 | 105 | 84 |
| D304 | 97 | 121 |
| D401 | 114 | 67 |
| D402 | 128 | 126 |
| D403 | 70 | 109 |
| D404 | 89 | 28 |
| D405 | 106 | 148 |
| D406 | 37 | 109 |
| D407 | 20 | 76 |
| D410 | 10 | 86 |
| D507 | 312 | 223 |
| D508 | 312 | 220 |
| D509 | 312 | 216 |
| D520 | 268 | 225 |
| D601 | 214 | 205 |
| D602 | 223 | 200 |
| D603 | 223 | 198 |
| D701 | 172 | 210 |
| D801 | 246 | 31 |
| D802 | 255 | 60 |
| D803 | 230 | 37 |
| D804 | 228 | 31 |
| D805 | 173 | 22 |
| D806 | 168 | 39 |
| D807 | 156 | 63 |
| D808 | 269 | 92 |
| D809 | 187 | 122 |
| D810 | 183 | 132 |
| D812 | 160 | 70 |
| D813 | 167 | 100 |
| D901 | 231 | 138 |
| D902 | 188 | 143 |
| D903 | 188 | 140 |
| D904 | 188 | 138 |
| D905 | 199 | 161 |
| D906 | 229 | 124 |
| D907 | 227 | 124 |
| DE01 | 94 | 108 |
| DL201 | 155 | 206 |
| DT01 | 260 | 120 |
| DT02 | 242 | 116 |
| DT03 | 201 | 161 |
| DT04 | 223 | 128 |
| DV801 | 264 | 7 |
| DV802 | 251 | 7 |
| DX01 | 19 | 8 |
| DX02 | 60 | 7 |
| DZ201 | 142 | 197 |
| DZ202 | 106 | 218 |
| DZ203 | 155 | 120 |
| DZ204 | 158 | 229 |
| DZ205 | 125 | 148 |
| DZ206 | 121 | 170 |
| DZ210 | 109 | 148 |
| DZ302 | 107 | 121 |
| DZ303 | 99 | 108 |
| DZ304 | 102 | 131 |
| DZ305 | 94 | 133 |
| DZ306 | 118 | 135 |
| DZ402 | 90 | 91 |
| DZ403 | 75 | 165 |
| DZ501 | 309 | 190 |
| DZ502 | 316 | 190 |

| Loc. No. | X | Y |
|---|---|---|
| DZ503 | 296 | 190 |
| DZ505 | 321 | 190 |
| DZ601 | 223 | 213 |
| DZ602 | 223 | 215 |
| DZ603 | 223 | 223 |
| DZ604 | 223 | 220 |
| DZ701 | 49 | 148 |
| DZ702 | 54 | 148 |
| DZ703 | 59 | 148 |
| DZ704 | 41 | 141 |
| DZ705 | 64 | 148 |
| DZ801 | 231 | 33 |
| DZ802 | 218 | 26 |
| DZ803 | 150 | 122 |
| DZ804 | 177 | 120 |
| DZ805 | 183 | 12 |
| DZ807 | 166 | 120 |
| DZ808 | 209 | 19 |
| DZ901 | 227 | 165 |
| DZ904 | 211 | 145 |
| DZ905 | 280 | 108 |
| DZ906 | 321 | 82 |
| DZX01 | 39 | 13 |
| **IC** | | |
| HC101 | 60 | 224 |
| IC201 | 85 | 198 |
| IC301 | 123 | 132 |
| IC501 | 315 | 178 |
| IC601 | 238 | 185 |
| IC701 | 17 | 190 |
| IC801 | 245 | 9 |
| IC802 | 201 | 19 |
| IC803 | 201 | 95 |
| IC804 | 148 | 127 |
| IC901 | 267 | 134 |
| IC902 | 274 | 105 |
| IC903 | 193 | 120 |
| ICE01 | 130 | 118 |
| **TRANSISTOR** | | |
| Q101 | 71 | 213 |
| Q201 | 159 | 131 |
| Q202 | 149 | 132 |
| Q204 | 87 | 230 |
| Q205 | 139 | 219 |
| Q206 | 133 | 219 |
| Q207 | 146 | 219 |
| Q209 | 146 | 172 |
| Q210 | 121 | 183 |
| Q211 | 196 | 182 |
| Q212 | 199 | 193 |
| Q301 | 119 | 91 |
| Q302 | 111 | 96 |
| Q401 | 143 | 74 |
| Q402 | 83 | 130 |
| Q403 | 43 | 97 |
| Q404 | 83 | 134 |
| Q701 | 54 | 162 |
| Q702 | 54 | 182 |
| Q704 | 183 | 215 |
| Q801 | 293 | 97 |
| Q901 | 240 | 163 |
| Q902 | 251 | 234 |
| Q903 | 251 | 222 |
| Q904 | 251 | 215 |
| Q905 | 246 | 148 |
| Q906 | 204 | 150 |
| Q907 | 231 | 128 |
| Q908 | 227 | 128 |
| Q909 | 155 | 230 |
| QE01 | 140 | 96 |
| QT01 | 201 | 127 |
| QT02 | 245 | 139 |
| QX01 | 43 | 8 |

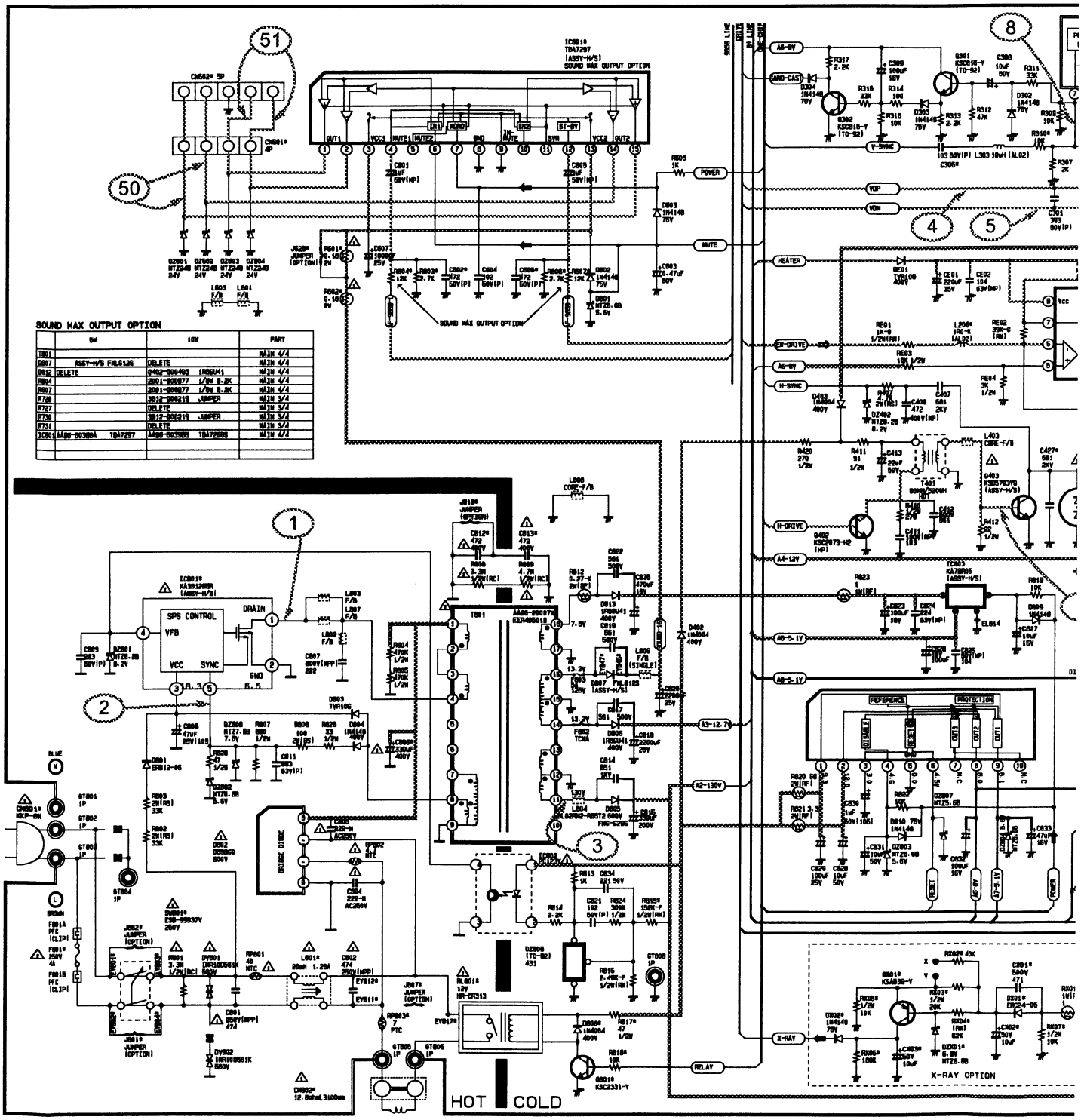
# 11. Schematic Diagrams

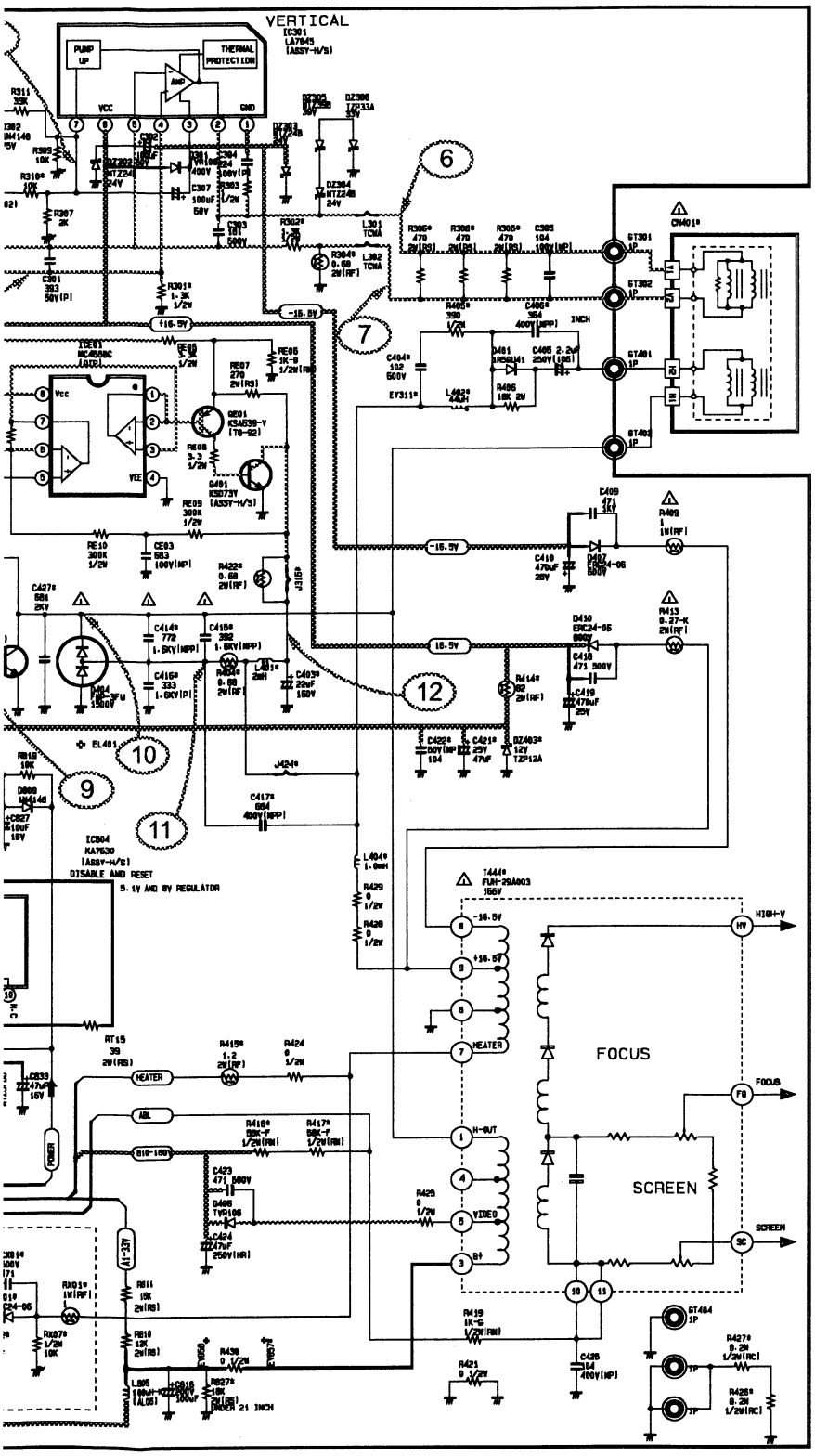
## 11-1 MAIN (Power 21")

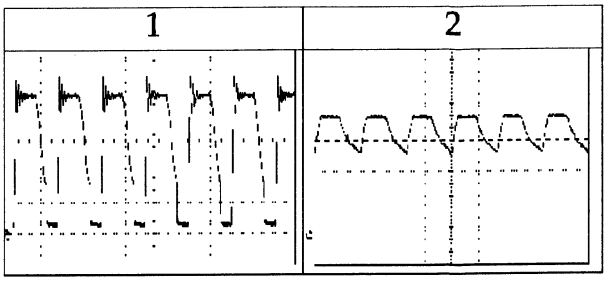


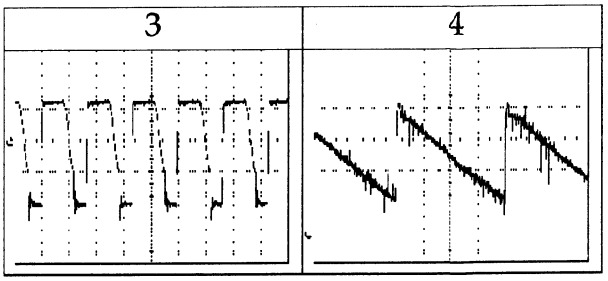

VERTICAL
FOCUS
SCREEN
HEATER
HIGH-V
: Power Line
: Signal Line

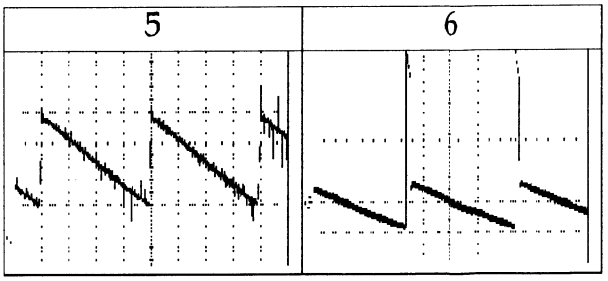
# 11-2 MAIN (Power 25" - 30")

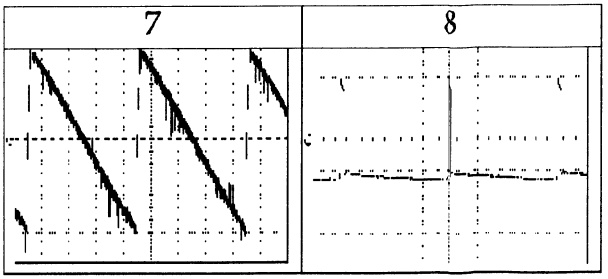


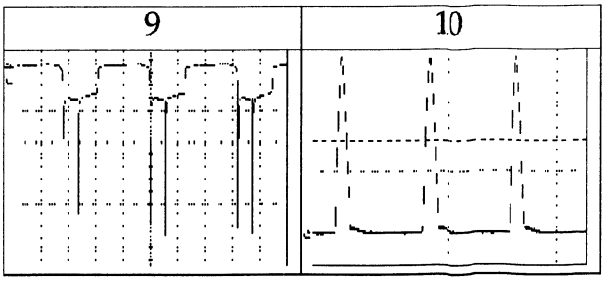


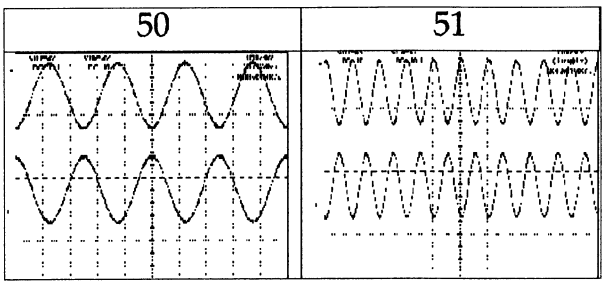



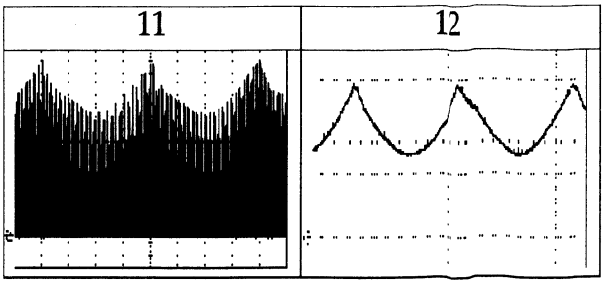



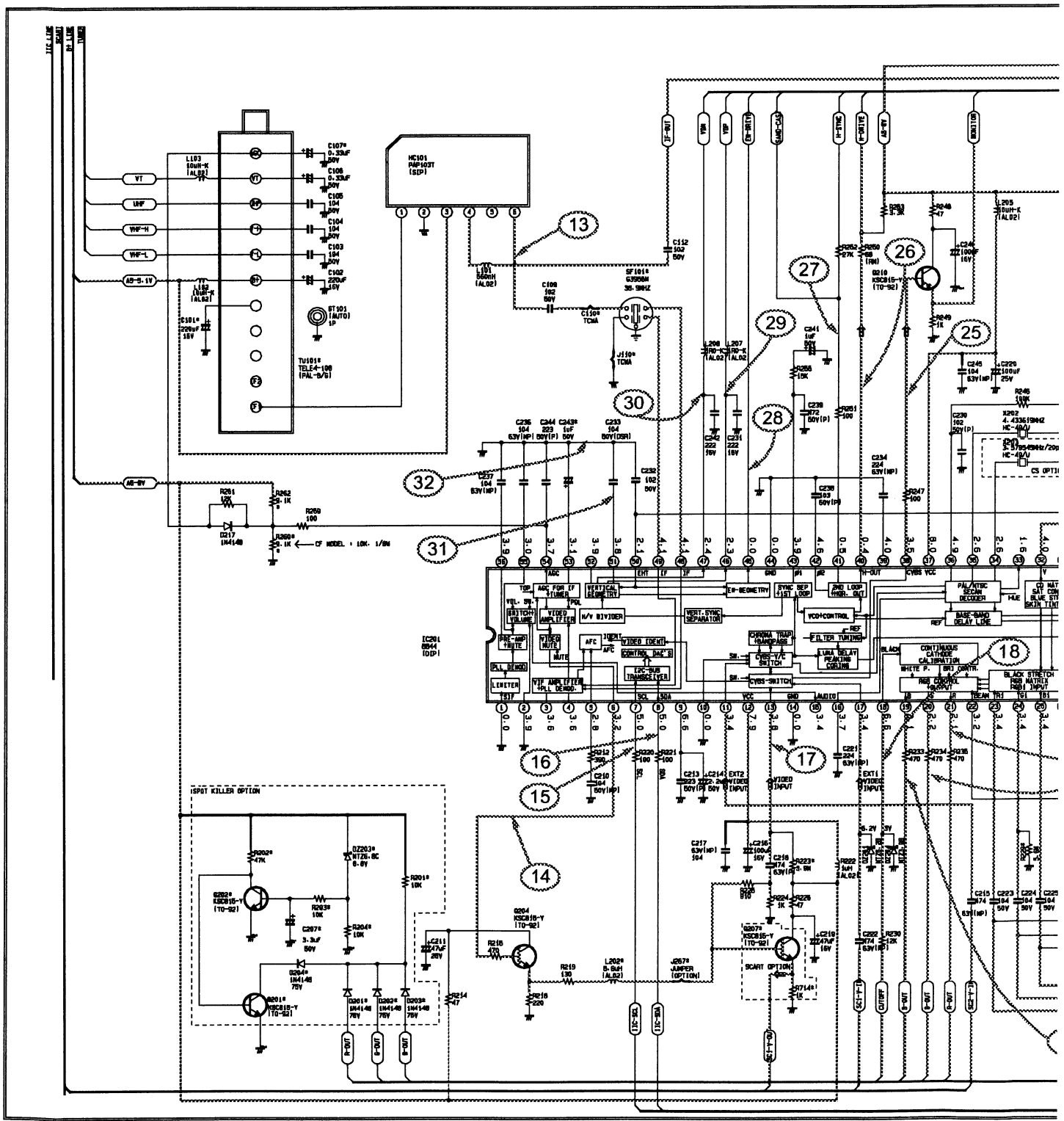



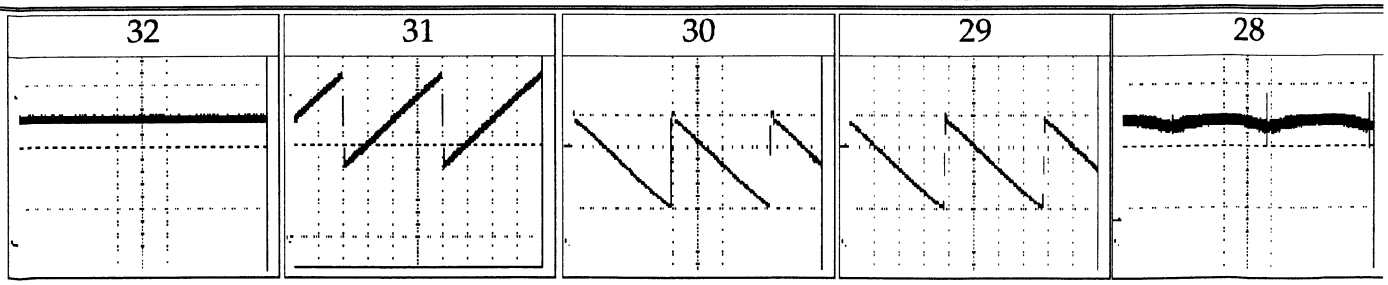



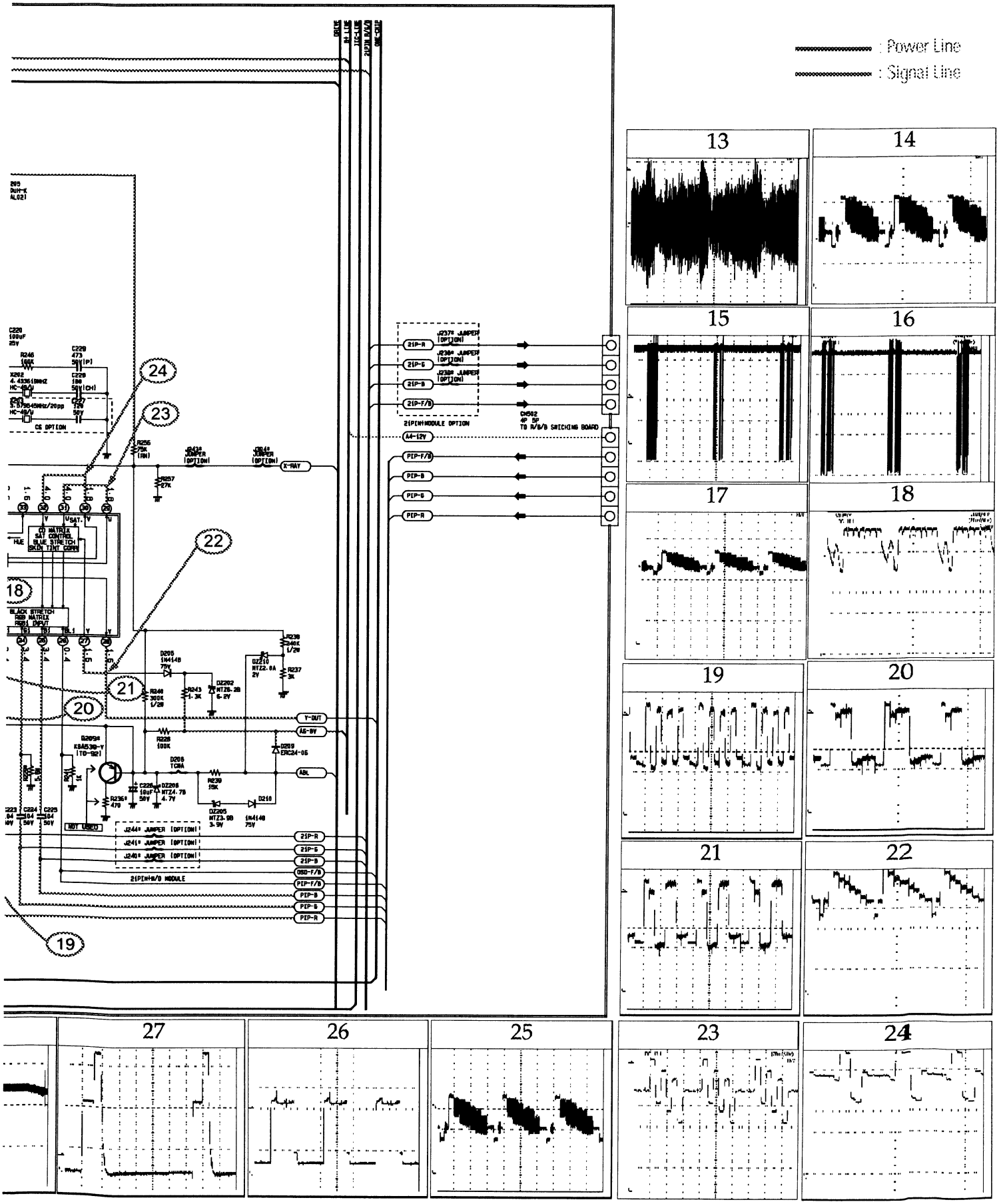

: Power Line

: Signal Line

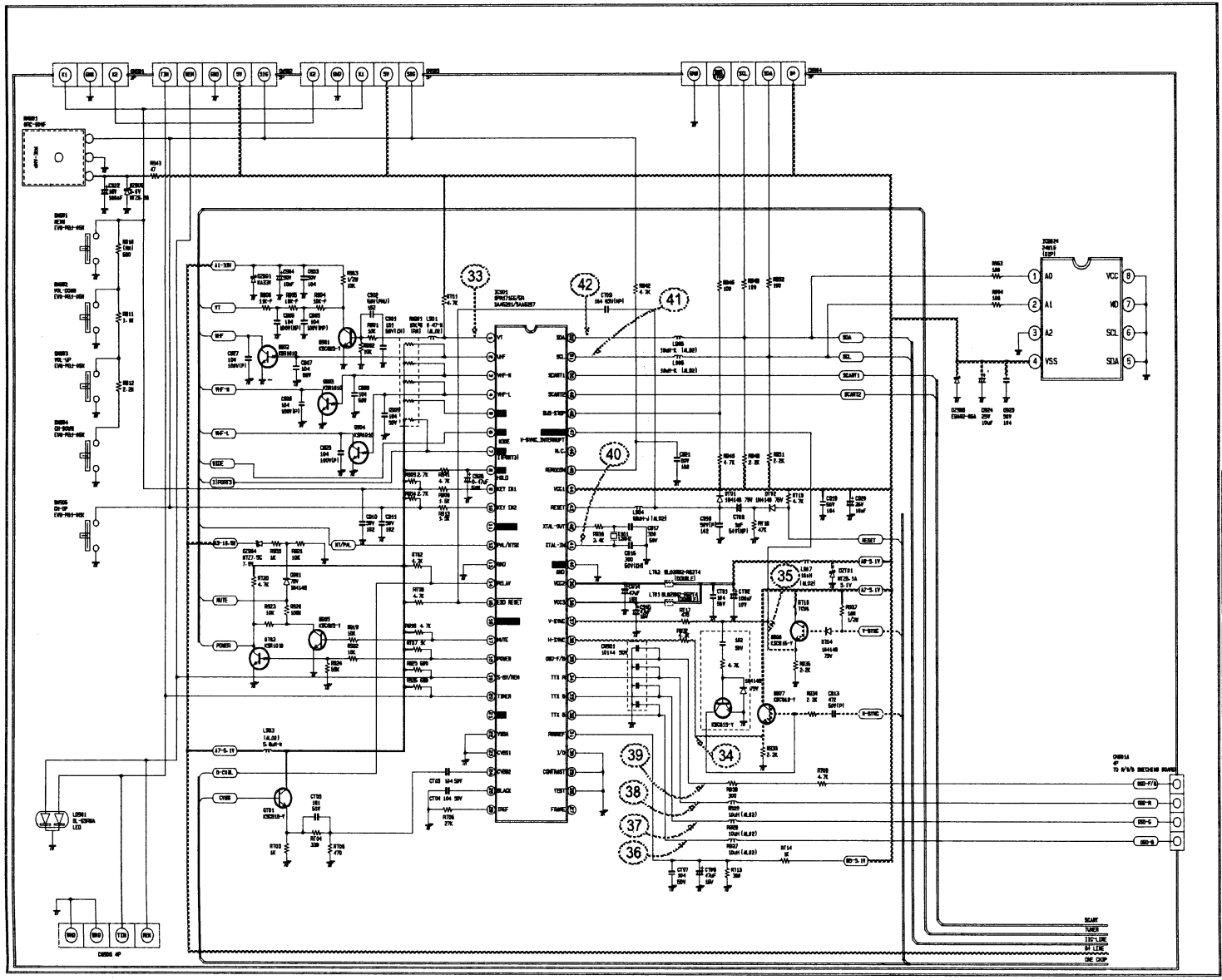
# 11-3 PWB MAIN (One-Chip)

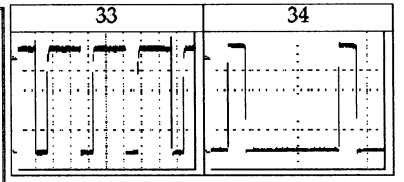


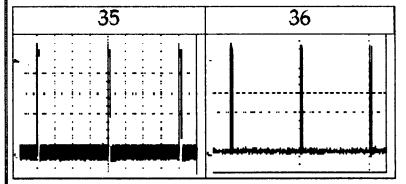


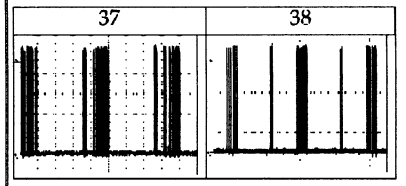

: Power Line
: Signal Line
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
24
23
22
21
20
19
18
X-RAY
Y-OUT
ABL
21P-R
21P-G
21P-B
21P-F/B
PIP-F/B
PIP-B
PIP-G
PIP-R
A4-12V
21PIN MODULE OPTION
21PIN-M/B MODULE
CS OPTION
NOT USED

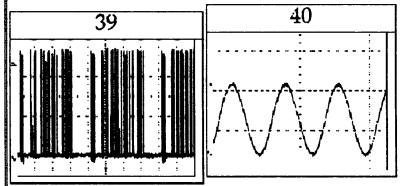
## 11-4 PWB MAIN (u-COM)

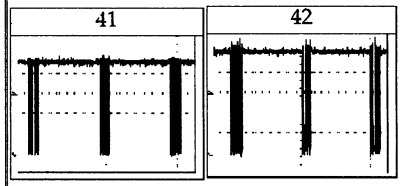




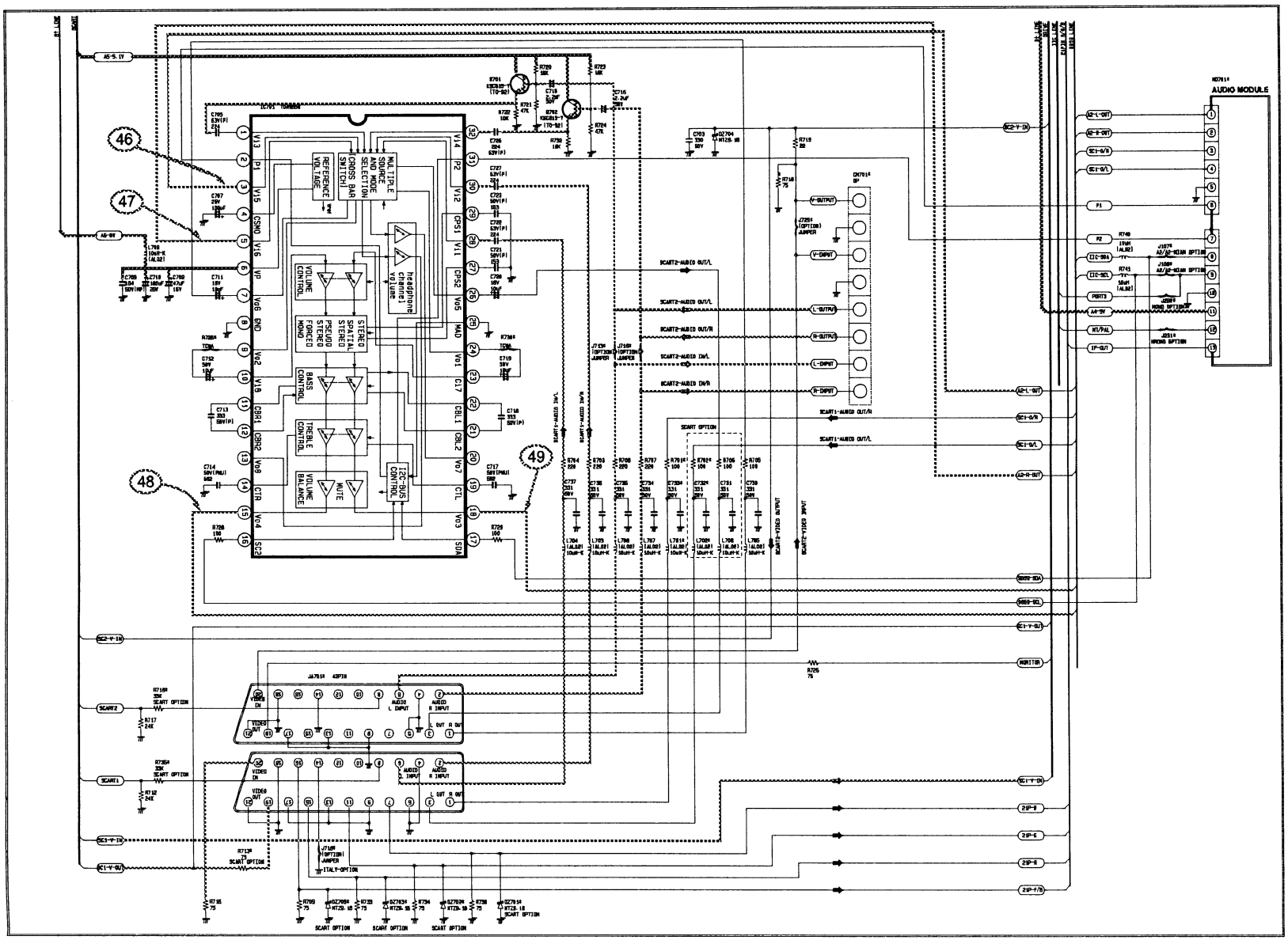



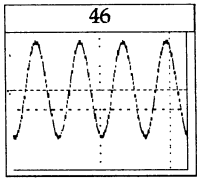



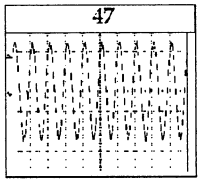



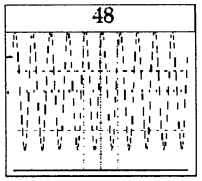

: Power Line
: Signal Line

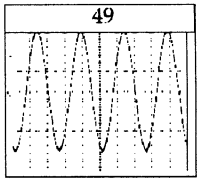
## 11-5 PWB MAIN (SUB)



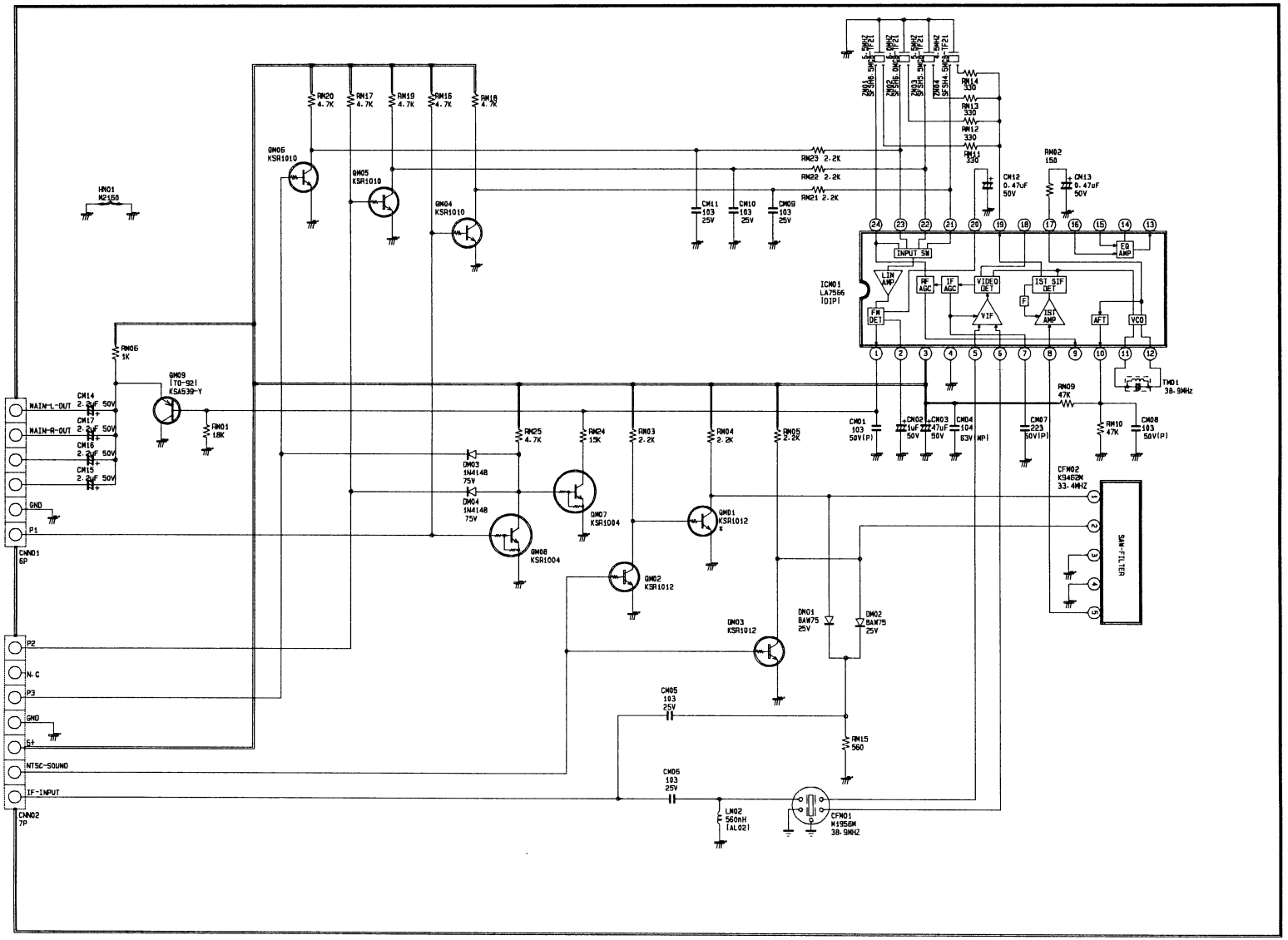



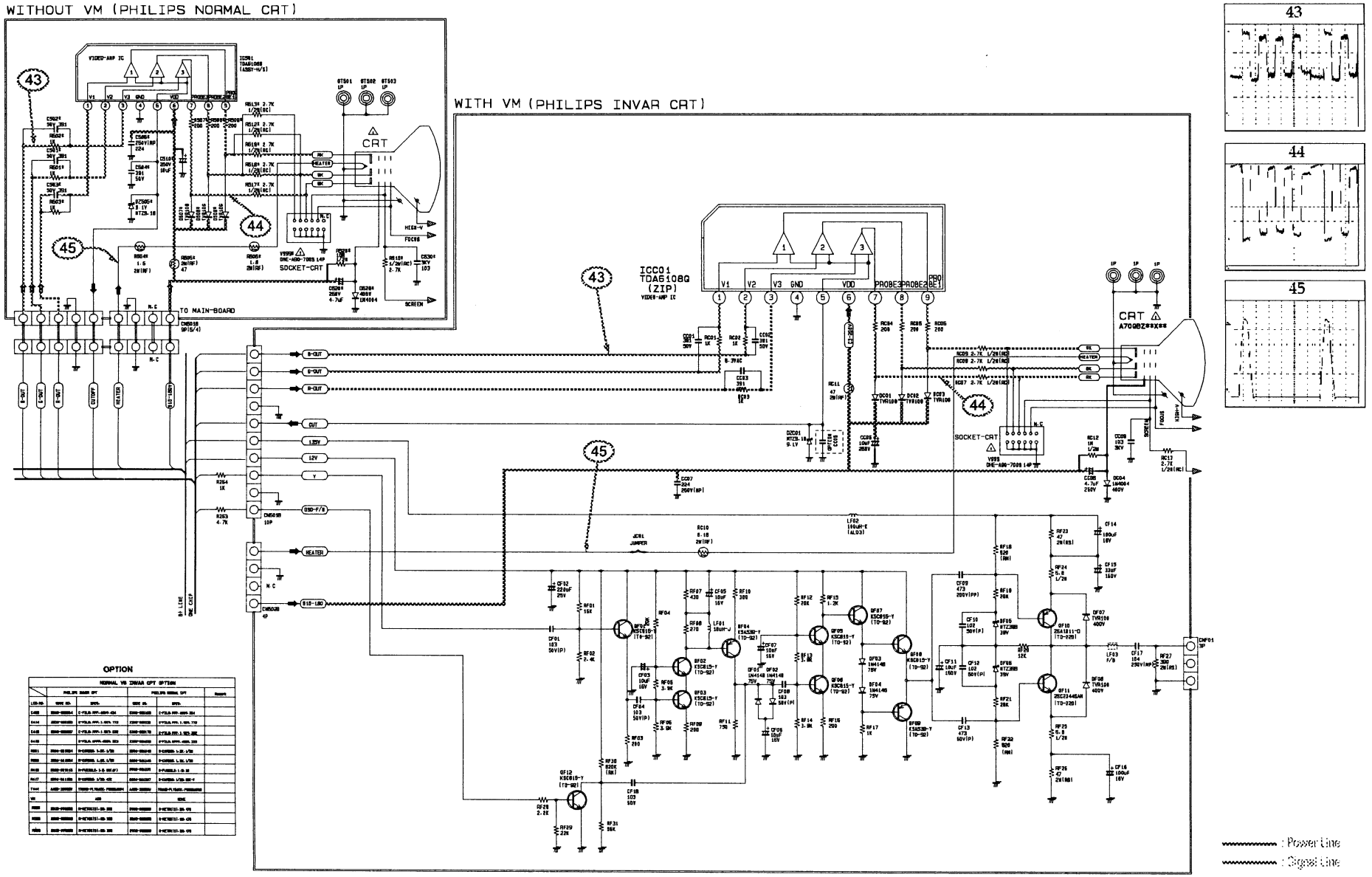



## 11-6 PWB MAIN (Sound Module Mono)



## 11-7 PWB MAIN (CRT)



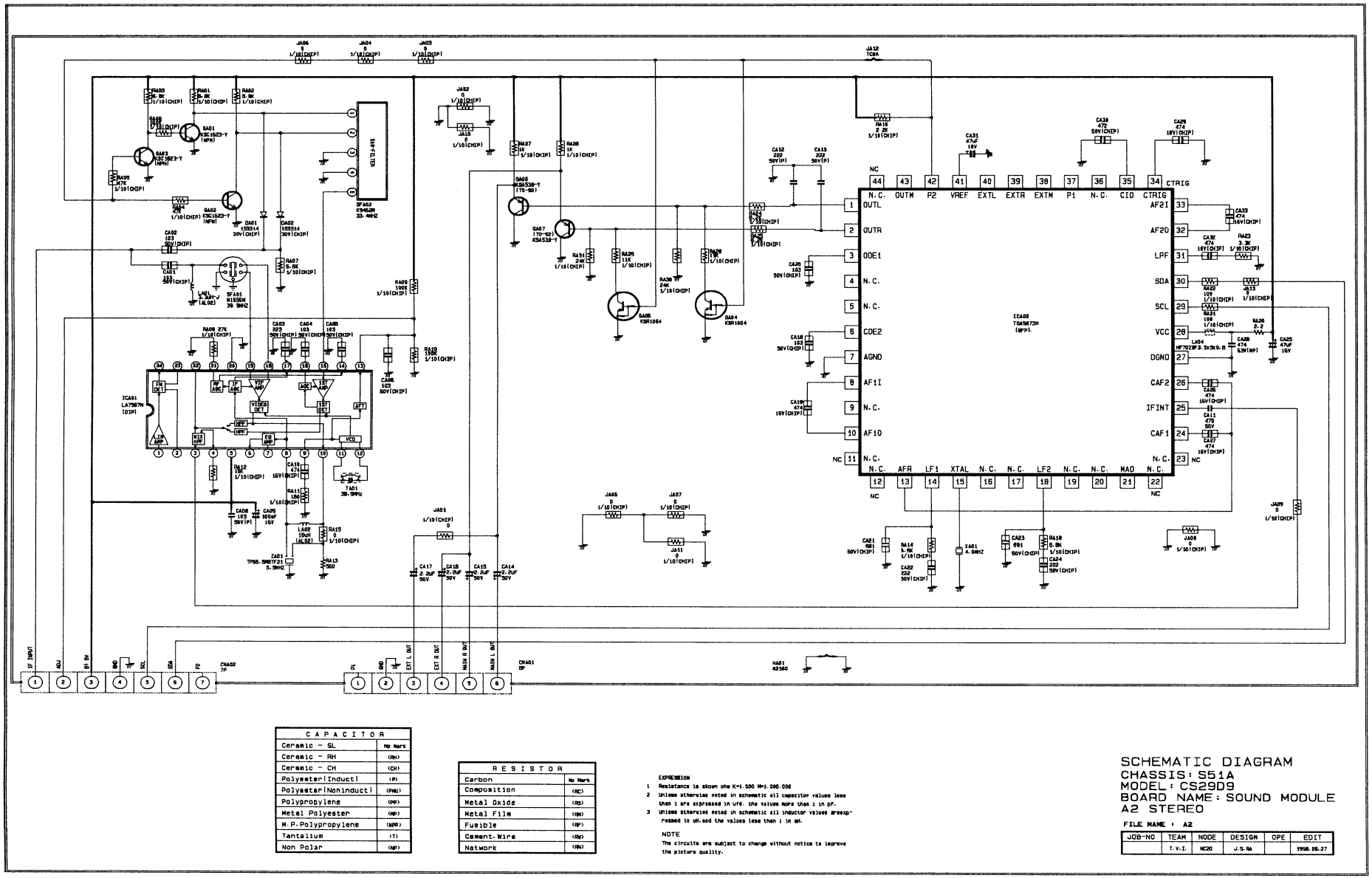




OPTION

NORMAL VM INVAR CPT OPTION

## 11-8 PWB MAIN (SOUND MODULE STEREO)



| CAPACITOR | |
|---|---|
| Ceramic - SL | No Mark |
| Ceramic - RH | (RH) |
| Ceramic - CH | (CH) |
| Polyester(Inductl | (P) |
| Polyester(Noninductl | (PNI) |
| Polypropylene | (PP) |
| Metal Polyester | (MP) |
| M.P.Polypropylene | (MPP) |
| Tantalium | (T) |
| Non Polar | (NP) |

| RESISTOR | |
|---|---|
| Carbon | No Mark |
| Composition | (RC) |
| Metal Oxide | (RS) |
| Metal Film | (RN) |
| Fusible | (RF) |
| Cement Wire | (RW) |
| Network | (RN) |

EXPRESSION
1 Resistance is shown ohm K=1.000 M=1.000.000
2 Unless otherwise noted in schematic all capacitor values less than 1 are expressed in ufd. the values more than 1 in pF.
3 Unless otherwise noted in schematic all inductor values areexpressed in uH.and the values less than 1 in mH.

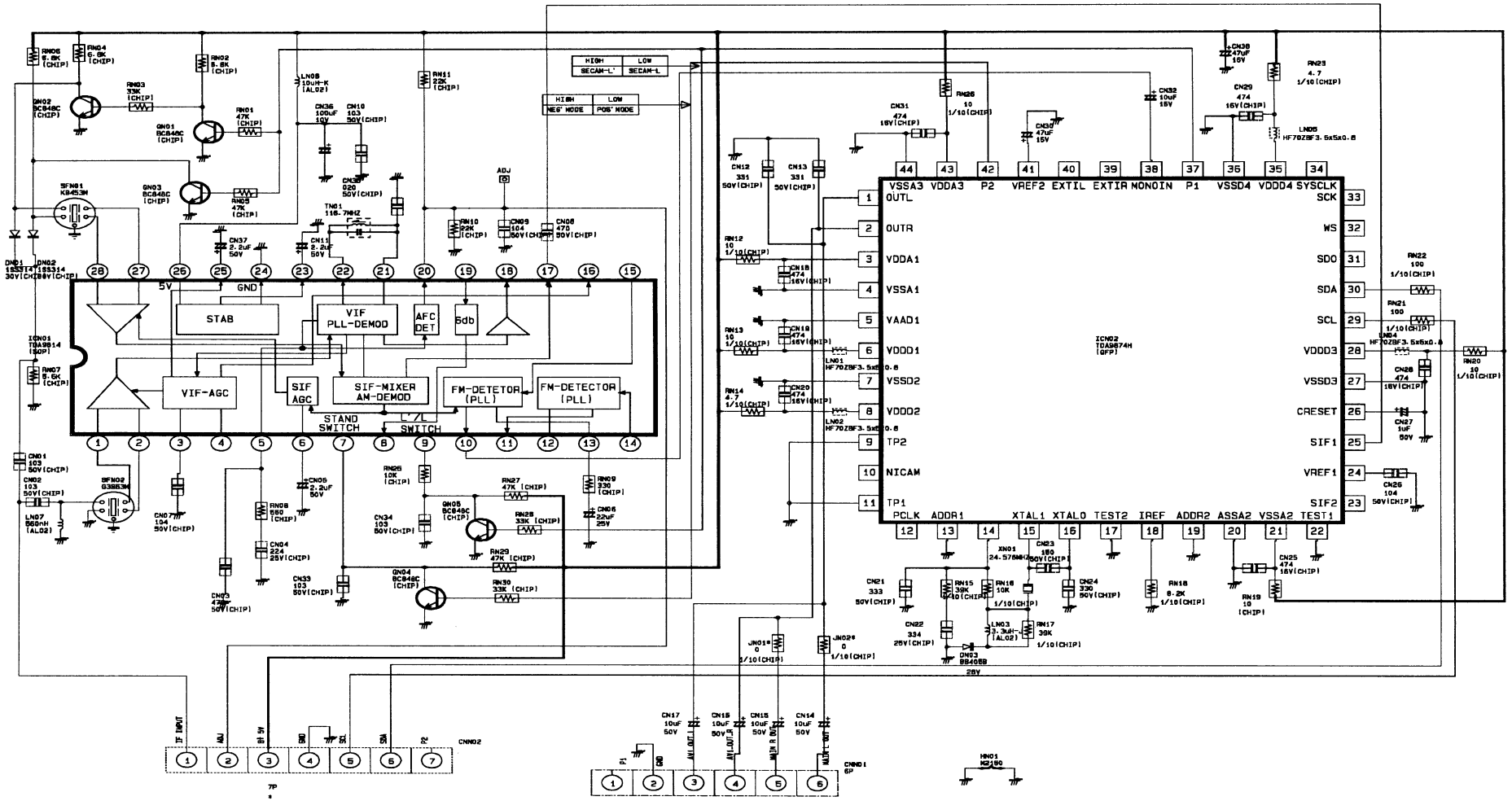
NOTE
The circuits are subject to change without notice to improve the picture quality.

SCHEMATIC DIAGRAM
CHASSIS: S51A
MODEL : CS29D9
BOARD NAME: SOUND MODULE
A2 STEREO

FILE NAME : A2

| JOB-NO | TEAM | NODE | DESIGN | OPE | EDIT |
|---|---|---|---|---|---|
| | T.V.I. | MC20 | J.S.HA | | 1998.08.27 |

## 11-9 PWB MAIN (SOUND MODULE NICAM)




| CAPACITOR | |
|---|---|
| Ceramic - SL | No Mark |
| Ceramic - RH | (RH) |
| Ceramic - CH | (CH) |
| Polyester(Induct) | (P) |
| Polyester(Noninduct) | (PNU) |
| Polypropylene | (PP) |
| Metal Polyester | (MP) |
| M.P.Polypropylene | (MPP) |
| Tantalium | (T) |
| Non Polar | (NP) |

| RESISTOR | |
|---|---|
| Carbon | No Mark |
| Composition | (RC) |
| Metal Oxide | (RS) |
| Metal Film | (RN) |
| Fusible | (RF) |
| Cement Wire | (RW) |
| Network | (RN) |

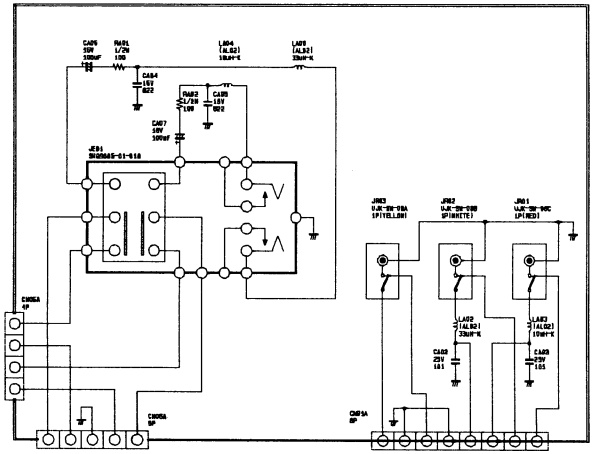
EXPRESSION
1 Resistance is shown one K=1.000 M=1.000.000
2 Unless otherwise noted in schematic all capacitor values less than 1 are expressed in ufd. the values more than 1 in pF.
3 Unless otherwise noted in schematic all inductor values aresexpressed in uH and the values less than 1 in mH.

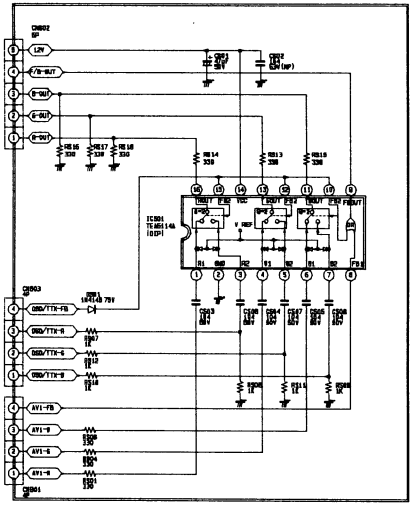
NOTE
The circuits are subject to change without notice to improve the picture quality.

SCHEMATIC DIAGRAM
CHASSIS : S51A
MODEL :
BOARD NAME : SECAN-L. L' NICAM

# 11-10 PWB MAIN (A/V FRONT / VIDEO SWITCH)

FRONT-A/V





RGB - S/W MODULE

| CAPACITOR | |
|---|---|
| Ceramic - SL | No Mark |
| Ceramic - RH | (RH) |
| Ceramic - CH | (CH) |
| Polyester(Induct) | (P) |
| Polyester(Noninduct) | (PN) |
| Polypropylene | (PP) |
| Metal Polyester | (MP) |
| M.P.Polypropylene | (MPP) |
| Tantalium | (T) |
| Non Polar | (NP) |

| RESISTOR | |
|---|---|
| Carbon | No Mark |
| Composition | (RC) |
| Metal Oxide | (RS) |
| Metal Film | (RN) |
| Fusible | (RF) |
| Cement Wire | (RW) |
| Network | (RN) |

NOTE

1. Resistance is shown in ohm K=1,000 M=1,000,000
2. Unless otherwise noted in schematic all capacitor values less than 1 are expressed in uF, and the values more than 1 in pF.
3. Unless otherwise noted in schematic all inductor values more than 1 are expressed in uH.
4. Voltage read with V.T.V.M (input impedance:21 MA/all range) from point indicated to chassis ground using a color bar signal with all control at normal line voltage 120 volts.
5. Waveforms in threshhance circuit are taken receiving a color bar signal with image sensitivity.
6. Waveforms in other circuit are taken using an signal under normal receiving conditions.
7. Voltage readings shown are normal values and may vary 20% except H.V.
8. This is fundamental circuit diagram when production changes may be made without revision of the diagram.
9. The circuits enclose in dotted lines are optional parts. (#)

WARNING : BEFORE SERVICING THIS CHASSIS READ THE "X-RAY RADIATION PRECAUTION" "SAFETY PRECAUTION" AND PRODUCT SAFETY NOTICE" IN MANUAL.

CAUTION : The shaded Area in the schematic diagram and the parts list designate components which have special character istics important for safety and should be replaced only with types identical to those in the original circuit of specified in the parts list. Before replacing and of these components. Read carefully the PRODUCT SAFETY NOTICE. In this manual. Do not degrade the safety of the receiver through improper servicing.